

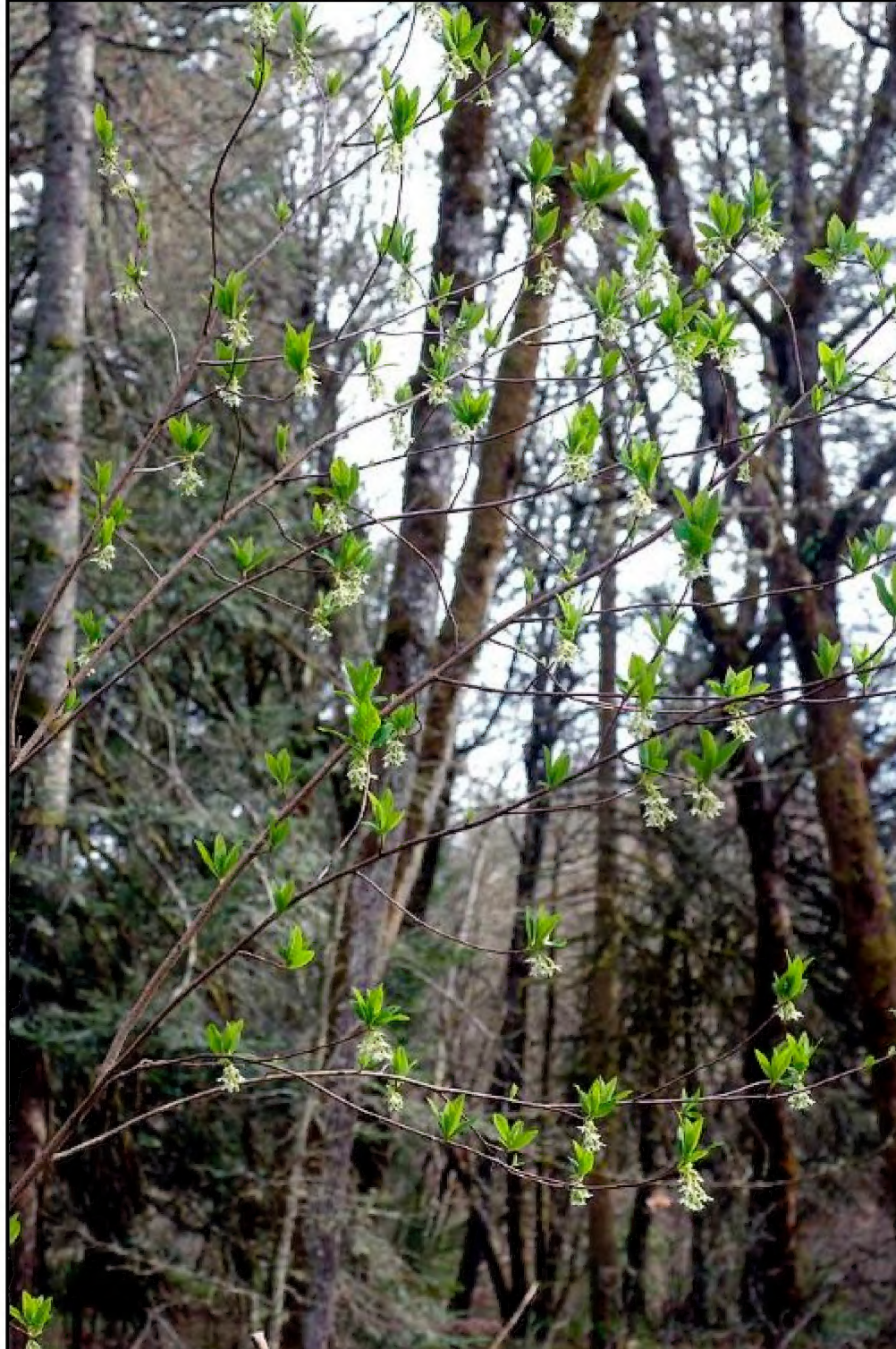


Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

February 2022 Volume 55, No. 1



Oso berry (Oemleria cerasiformis)

Benton County, Oregon, March 2008. Photo by Gerald D. Carr. Courtesy of Oregon Flora.

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### IT'S RENEWAL TIME!

The NPSO membership year is January to December. Now is the time for members to renew for 2022. Please watch for a separately emailed renewal notice informing you of your current membership status. Thank you. -Margaret Conover

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If you prefer to read a hard copy, click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. A PDF is also uploaded to the NPSO website - look for the link in the right-hand column.

If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#) or send mail to P.O. Box 902, Eugene, OR 97440.

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## A Note About Donations to the NPSO

Those wishing to make a memorial donation or a donation for any purpose other than the six designated NPSO funds should be aware that our Paypal interface does not enable you to annotate your donation. Recent unidentified donations include several that appear to be in memory of Jan Dobak. Donors should email [membership@npsoregon.edu](mailto:membership@npsoregon.edu) clarifying the purpose of their donation, and it will be recorded and acknowledged properly.

- *Margaret Conover*

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## 2022 NPSO Annual Meeting Cancelled

They say, "the third time's a charm," but it was not to be. Once again, uncertainties about the projected status of COVID-19 variants in May 2022 and the hesitancy of many NPSO members to attend a large indoor gathering tipped the scales in favor of cancelling

the 2022 Annual Meeting. The Cheahmill Chapter is deeply grateful for the willingness of the Spirit Mountain Lodge to accommodate our changing plans for hosting the meeting, the Confederated Tribes of Grand Ronde for their generous support, and for the enthusiastic support of field trip leaders, speakers, and vendors who committed to participate, and remained steadfast in their commitment these past three years. -Kareen Sturgeon

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## Oregon Mystery Plant

### Last month's mystery plant revealed:

Many thanks to all who submitted an identification for last month's mystery plant! Christine Armer, Jennifer Barker, and Luan Pinson all correctly identified it as *Aphyllon corymbosum* (*Orobanche corymbosum*), commonly known as flat-topped broomrape. According to *Flora of the Pacific Northwest, 2nd Edition*, the genus *Aphyllon* is comprised of holoparasitic herbaceous annuals lacking chlorophyll. *A. corymbosum* mainly parasitizes *Artemisia tridentata*.

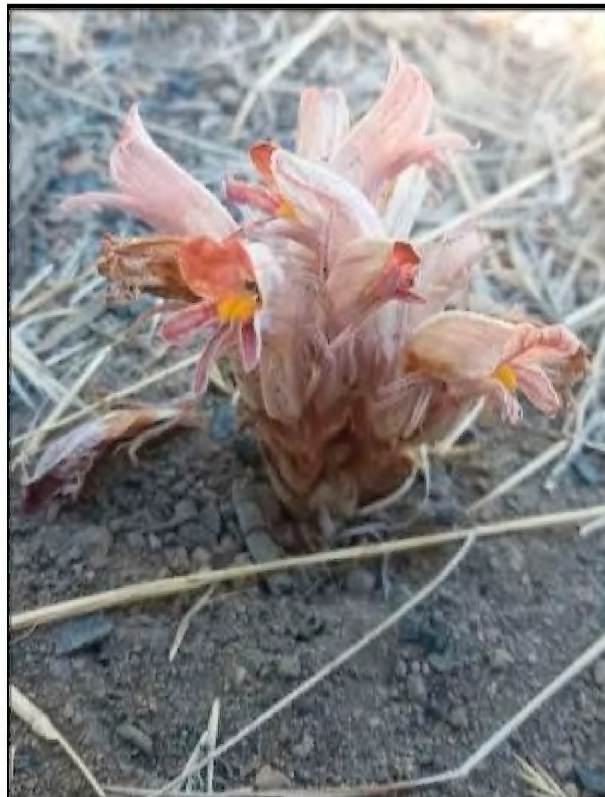


Photo by Cat Mead.

**New Mystery Plant**  
**Do you recognize this plant?**



Photo by Jennifer Barker.

This month's mystery plant was photographed by Jennifer Barker in mid-spring near Seneca, OR at elevation 4,800 feet. It was found in ponderosa pine savanna with mesic grasses and forbs.

**Do you have an Oregon Mystery Plant to share?**

**Send it to the editor:** [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## Native Plant Appreciation Week Blossoms to a Month!!!

The NPSO State Board has decided to follow what appears to be a national trend and expand Native Plant Appreciation to a month. (Well, we know we appreciate native plants all year long...) Our inaugural Native Plant Appreciation Month will be April 2022, so mark your calendars now. April was selected because it is early in the wildflower season, so it is a good time to prepare for the native plant bounty of Oregon. A month-

long celebration will give chapters lots of time to do hikes, talks, plant sales, etc., and it's not too early to start planning your chapter's activities now. - Judi Sanders

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## OregonFlora

OregonFlora is developing a comprehensive resource about the plants of Oregon for nature enthusiasts, restorationists, land managers, scientists, and gardeners of all ages and levels of interest. The information within the three-volume *Flora of Oregon* books and the extensive database used to organize the information forms the foundation for our website, [oregonflora.org](http://oregonflora.org) and Oregon Wildflowers mobile app. These digital resources bring the beauty and diversity of Oregon's plant life to the public with thousands of photographs, interactive maps and intuitive identification tools.



Your financial support allows us to keep providing free access of digital information to the public. Our program relies on competitive grants and donations from individuals and groups to fund all of OregonFlora's direct operating expenses. The contributions people give of their time and financial resources are a critical part of our budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org).

Contributions can be made online [OregonFlora Donate](#) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.- Linda Hardison

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## NPSO Grant Proposals Requested

NPSO will continue to sponsor small field research grants. The objectives of the program are:

- To stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state.
- To promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

Research proposals are due by March 15th, 2022 (a two-week extension this year). The guidelines are available online at: [www.npsoregon.org/grants.html](http://www.npsoregon.org/grants.html). For a paper copy of the program policy and guidelines, contact

Dan Luoma  
Field Research Grants Committee Chair  
5 NW Edgewood Dr.  
Corvallis, OR 97330

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## Washington Native Plant Society Conservation, Education, and Research Grants Available

The Washington Native Plant Society (WNPS) Conservation Committee is accepting grant application for projects that will restore, improve, or support on-the-ground, functioning native plant ecosystems in the State of Washington. Successful projects must provide public benefit and must align with WNPS Conservation principles. Applications will be evaluated for the quantity and quality of ecological benefit to be gained and the likelihood of project long-term success. Grant applications will be accepted until midnight March 1, 2022.

The WNPS Research and Education Committees are also accepting grant applications until midnight March 1 2022. For application information and contacts for each of these grant programs, see:

<https://www.wnps.org/conservation-grants>

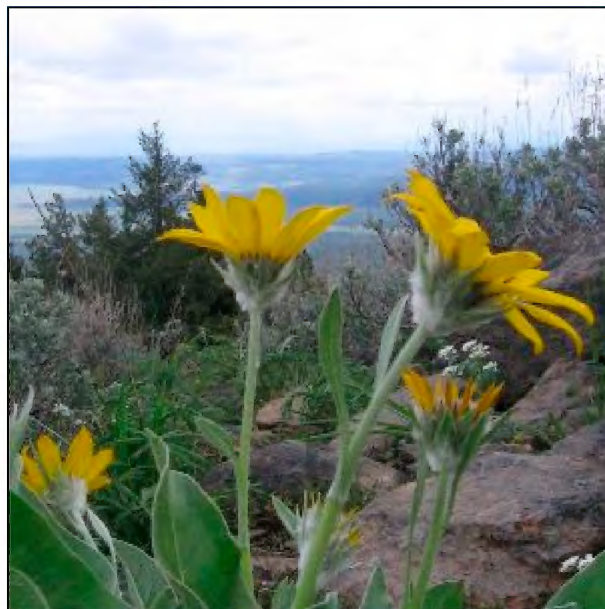
<https://www.wnps.org/education-grants>

<https://www.wnps.org/research>

-Becky Chaney, WNPS Conservation Committee Chair

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## Wanted: Volunteers for the *Bulletin*



Arrowleaf balsamroot (*Balsamorhiza sagittata*), Ochoco Mountains, photo by Margaret Bernard.

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## NPSO Board Seeks Candidates

Please consider taking the opportunity to serve the NPSO by running for election to one of the state-wide officer or at-large board of directors positions. Officer positions include President, Vice-President, Secretary, and Treasurer who serve one-year terms. Three Directors at-large are elected annually and serve two-year terms. If you, or someone you know, is interested, please send your questions or information about potential candidates to Dan Luoma by email ([daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu)) for more information.

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## Willamette Valley Chapter Scholarships Available to Oregon Students



Marvel Luzell, previous scholarship winner. Marvel graduated from Oregon State University last year with a degree in Botany.

Photo by Taylor Barron.

The Willamette Valley Chapter is offering \$1,000 scholarships for sophomores, juniors, and seniors enrolled at an Oregon college and university for the 2022-2023 school year and who are majoring in one of the following fields of study:

- botany;
- horticulture with a focus on native plants;
- any biological, environmental, or natural resource science with a botany emphasis or;
- any biological, environmental, or natural resource science combined with a demonstrated intent to pursue studies or a career in a plant-based field focused on or related to native plants (e.g. ecology, systematics, sustainable natural resource management, landscape architecture, conservation biology).

Half-time students are eligible.

A limited number of qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship fund. Applications will be accepted by mail or electronically until **June 1**,

2022.

Applicants are required to submit:

- Name, address, email address, phone number, college/university name, and college/university address;
- A statement of academic and career intent, with a discussion of relevant coursework, extracurricular activities, and interests. Student's statement should show a demonstrated interest in native plants and the intent to pursue studies or careers related to native plants;
- One letter of reference from a person able to judge the student's ability to successfully complete study in the student's area of major study.
- Full collegiate academic record (transcript).

Applicants can send completed applications and documents by mail to

John Savage

Jean Davis and Augusta Rockefeller Scholarship Funds

413 Belmont Street NE

Salem, OR 97301

Or applicants can send completed applications and documents by email to:

[wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

For any questions about the scholarship, contact John Savage at 503-779-5414 or at [wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

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## NPSO Receives Memorial Donation

Special thanks go to the family of Jeanne and Wayne Huffstutter, who recently honored their memory with a memorial gift to NPSO. Jeanne and Wayne were long-time residents of Portland and members and supporters of NPSO. Jeanne loved wildflowers and enjoyed many hikes in the Cascades with Wayne and with other members of the NPSO. Wayne was a founding member of the Portland chapter of the Home Orchard Society. Wayne also had a personal interest in tracking down *Prunus subcordata* (Klamath plum) in as many places as possible in Oregon. As layman botanists, they would have been pleased to know that some of their legacy included support for the work of the NPSO

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## 2022 Washington Botanical Symposium

University of Washington Botanic Gardens and the University of Washington Herbarium at the Burke Museum (Seattle, Washington, USA) are pleased to announce the 2022

Washington Botanical Symposium. This program will be presented online as a Zoom webinar on:

**Wednesday, March 2, 2022**

**9:00 am - 3:30pm (PST)**

**Co-hosted by University of Washington Botanic Gardens and the University of Washington Herbarium, Burke Museum**

Program information available at:

<https://botanicgardens.uw.edu/education/adults/conferences-symposia/wa-botanical-symposium/>

or Facebook event page:

<https://www.facebook.com/events/2359754990849366/>

Scholarships are available for students, service corps members, or anyone with need.

An extensive network of professional, academic, and amateur botanists are actively engaged in the conservation, management, and study of Washington's diverse flora. Their expertise ranges from how best to manage biodiversity, to understanding climate change impacts on plant communities, to naming and classifying the flora's rare, common, and invasive elements. Invited speakers and poster presentations will share new insights and discoveries about these topics and more. Participants from throughout Washington and adjacent areas will have the opportunity to exchange ideas with colleagues within and across disciplines.

Attendees are invited to present research posters and make announcements about related news and opportunities on the symposium website. Contributions may include video, text, and/or images.

Sponsor: Washington Native Plant Society

Supporters: King County Noxious Weed Program; Parametrix; The Watershed Company; Washington State Department of Natural Resources, Natural Heritage Program

Friends: AECOM, Washington State Noxious Weed Control Board

*-Jessica Farmer, Adult Education Supervisor, University of Washington Botanic Gardens*

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## **"Frances Stilwell, Oregon's Botanical Landscape" at the Oregon Historical Society January 14 - May 1, 2022**

Artist Frances Stilwell moved to Oregon in 1969 to continue her work in environmental sciences, including work as an ethologist, a biologist, a fisheries technician, a geomorphologist, and a botanist. However, in 1981 she decided to leave her career in science to pursue her lifelong passion for art. The Oregon Historical Society is proud to share Stilwell's stunning depictions of native Oregon plants in its newest exhibition,

"Frances Stilwell: Oregon's Botanical Landscape." The Oregon Historical Society is located at 1200 SW Park Avenue, Portland, Oregon. For more information visit: <https://www.ohs.org/museum/exhibits/frances-stilwell.cfm>  
-Oregon Historical Society

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## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Lisa Blackburn, at [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://www.facebook.com/CorvallisNPSO).

**Monday, February 14th, 7:30 pm - 8:30 pm**

**Presentation by Zoom: Native plants in garden systems: research from OSU's Garden Ecology Lab.**

**Presenter: Gail Langellotto**

Pre-registration is required for this meeting. If you would like to join the meeting please send an email to [daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu) and include your Zoom name. We will be using the "waiting room" feature for enhanced security. You will receive an invitation to the meeting about one hour ahead of time. Unfortunately, requests for invitations after that point may be missed.

**Saturday, February 26th, 1:00 pm - 3:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

Winter cleanup at Native Plant Garden at Avery House, Avery Park, Corvallis. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

### Emerald

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.nps/>.

**Monday, February 21st, 7:00 pm - 9:00 pm**

**Program: Botanical Offerings in our Eugene City Parks**

**Presenter: Diane Steeck, Ecologist, City of Eugene**

Learn about the native botanical treasures and plant communities found in Eugene's city parks. This program will feature plants of the large, the small, and the lesser visited parks and protected areas where you can experience botanical joy throughout the year. A zoom link will be sent to members and posted on the NPSO Emerald Chapter web site closer to the date of the program.

**Saturday, February 26th, 1:00 pm - 3:00 pm**

**Field Trip: Buford Park North Trailhead Ramble**

Rambles are leaderless walks where participants identify and share their knowledge of plants they encounter as a group. All levels of experience are welcome. All we ask is that you are interested in plants! We'll take the loop trail that crosses Spring Box Savanna on MPA Trail 3, then passes through closed forest, reaches a saddle and descends on MPA Trail 7 back to the Trailhead. To sign up click

here: <https://www.signupgenius.com/go/10C0448ADA92BAAFC1-february>

**Saturday, March 19th, 1:00 pm - 3:00 pm**

**Field Trip: Buford Park East Trailhead Ramble**

Rambles are leaderless walks where participants identify and share their knowledge of plants they encounter as a group. All levels of experience are welcome. All we ask is that you are interested in plants! We'll walk on the gravel access road past the wet prairie, and then bear left on Trail 3 across the lower edge of Meadowlark Prairie. We won't go further than Buckbrush Canyon, about a mile-and-a-half in. There should be an abundance of early wildflowers. To sign up click

here: <https://www.signupgenius.com/go/10C0448ADA92BAAFC1-march1>

**Monday, March 21st, 7:00 pm - 9:00 pm**

**Program: The Oregon Dunes, a Vanishing Landscape**

**Presenter: Dina Pavlis**

Oregon is home to the world's tallest coastal dunes, with some reaching as high as 500 feet above sea level and spanning 180 feet in length! About 45% of Oregon's coastline consists of coastal dunes that are home to many delightful native plants and animals. The Oregon dunes ecosystem relies on sand movement to survive; it is assaulted almost daily by strong coastal winds, resulting in the creation of stunning formations that move and change. Unfortunately, Oregon's coastal sand dunes have been rapidly disappearing over the last 100 years beneath a blanket of plants. Scientists estimate that we are losing one to five feet of open sand per year. What has changed and can Oregon's coastal dunes be saved? A Zoom link will be sent to members and posted on the NPSO Emerald Chapter web site closer to the date of the program.

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (currently inactive)**

For information on the Mid-Columbia Chapter, contact [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at: <https://www.facebook.com/npsportland/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

**DON'T MISS:** <https://www.ohs.org/museum/exhibits/frances-stilwell.cfm>

January 14 to May 1, 2022

Book and Art Exhibit: Frances Stillwell: *Oregon's Botanical Landscape*

Sponsor: Oregon History Museum, Portland, Oregon

February 5, 9:00 am - 12:00 pm

Stewardship Opportunity: Spring Park & Elk Rock Island Habitat Enhancement

Sponsor: North Clackamas Parks and Recreation

Join North Clackamas Parks and Recreation in improving habitats along the Willamette River. Volunteers will be maintaining trails, planting native plants, and placing discarded Christmas trees in fish habitat areas. Tools, gloves, and refreshments will be provided. Bring waterproof rain gear and footwear. Meet at: 2001 S.E. Sparrow St. at S.E. 19th Ave., Milwaukie, Oregon 97222. Parking is limited at the trailhead; look for parking uphill on Sparrow Road.

[SIGN UP HERE](#) (Highlight and click on NATURE-VOLUNTEER link to participate, sign Waiver form)

Elk Rock Island is not accessible on foot at this time but continues to be under habitat restoration with the help of NPSO volunteers following a wildfire in Sept. 2020. Contact [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if you are interested in being notified of events there this Spring.

Thursday, February 10, 7:00 pm - 8:30 pm

Program: Exploring Saddle Mountain

Presenter: Phil Hays, Microbiologist / Corvallis Chapter Hike Leader

Phil began hiking and mountain climbing as a child. Following his education as a scientist, he began photographing and studying plants and joined NPSO to become familiar with the botany of the Oregon Coast Range, especially Mary's Peak and Saddle Mountain. He will take us on a photographic tour of the iconic landmark, visible from as far away as Astoria and revered as sacred by local tribes when Lewis and Clark first set eyes on it. "Swala-lahos", its tribal name, is now part of the Swala-lahos Floristic Area and home to a number of endemic species which Phil has photographed and will share with us.

Register in advance for this

meeting: <https://us06web.zoom.us/meeting/register/tZcrfu2orzwpHtM0c5RmUxcgT3gQduC2XBzW>

After registering, you will receive a confirmation email containing information about joining the meeting. Save it.

**Thursday March 10th, 7:00 pm - 8:30 pm**

**Program: Native Habitat Restoration for Pollinators**

**Presenter: Mace Vaughn, Pollinator Program Co-Director for Xerces Society**

Native bees, butterflies, and other pollinators continue to be in decline across the United States. To help reverse these trends, the Xerces Society collaborates with farmers, food companies, federal agencies, and homeowners to plan, design, and plant habitats with native wildflowers, shrubs, and trees. In this talk, Mace will provide an update on pollinator declines in the western U.S., key pollinator habitat elements that need to be addressed, and examples of native wildflower projects Xerces is helping to put on the ground across western states.

Register in advance for this

meeting: <https://us06web.zoom.us/meeting/register/tZUpde6vpz0jHtCF6ZIUrGTzMuDQWqGi02K>

After registering, you will receive a confirmation email containing information about joining the meeting. Save it.

## **Siskiyou**

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to: [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out

at: <https://www.youtube.com/channel/UCXF12J9yp2AYmUzNz0jLISw>.

**Thursday, February 17, 7:00 pm - 8:00 pm**

**Zoom Program: Dead Wood & Healthy Habitats**

**Speaker: Dr. Pepper Trail and Lance Wyss**

Dead wood - dead standing trees or snags, downed wood in streams and on land, decaying wood with cavities - is important for wildlife habitat and vegetation communities. This joint program of the Siskiyou Chapter NPSO and Rogue Valley Audubon Society will feature two expert speakers. Dr. Pepper Trail, naturalist and ornithologist, will discuss cavity-nesting birds and other wildlife. Eighty-five bird species nest in cavities in North America, including Wood Duck, Western Screech-Owl, and White-breasted Nuthatch, as well as all woodpecker species. Many of these species are declining, such as American Kestrel and Mountain Bluebird, due to the lack of suitable habitat, especially the loss of snags. Snags are also essential to many mammal species, including fishers, flying squirrels and silver-haired bats.

Lance Wyss, restoration biologist for the Rogue River Watershed Council, will discuss downed large and small wood - the biological legacy guiding stream processes. Have you ever pondered what legacy you will leave behind in your life? Trees that grow along streams and rivers leave a lasting and influential effect on physical and biological attributes of a riverine ecosystem. Whether a living or dead tree falls naturally into a creek, or is placed during active stream restoration, it continues to play a key role in the ecosystem.

Sponsors are the Rogue River Watershed Council, Southern Oregon Land Conservancy, and Pollinator Project Rogue Valley. To register for this free zoom talk: [bit.ly/sisk-npsos-talks](https://bit.ly/sisk-npsos-talks).

Presenter Bios:

Well-known local naturalist Pepper Trail has recently retired after more than 20 years as the ornithologist for the National Fish and Wildlife Forensic Lab in Ashland. He is the long-time conservation co-chair of the Rogue Valley Audubon Society and has been a leader in many regional conservation efforts, from the creation of the Cascade-Siskiyou National Monument to searches for the critically endangered Franklin's bumble bee.

Lance Wyss is the Restoration Biologist for Rogue River Watershed Council. He works with private landowners and public natural resources managers to design, implement, and monitor ecological restoration projects that include riparian rehabilitation and instream enhancement to improve stream processes, water quality, and plant and animal habitats.

**Thursday, February 24, 2022**  
**Siskiyou Chapter Member Meeting**

Siskiyou Chapter Member Meetings (now separate from programs) are the fourth Thursday of the month in 2022.

To register for the member meeting: [bit.ly/sisk-npsos-checkin](https://bit.ly/sisk-npsos-checkin).

## **Umpqua Valley**

Visit [umpquavallevynativeplants.com](https://umpquavallevynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## **Willamette Valley**

For program information, contact John Savage at 503-779-5414, [wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

## **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché and Kareen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#)
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Website



Facebook



Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

March 2022 Volume 55, No. 2



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## IT'S RENEWAL TIME!

The NPSO membership year is January to December. Now is the time for members to renew for 2022. Please watch for a separately emailed renewal notice informing you of your current membership status. Thank you. -Margaret Conover

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If you prefer to read a hard copy, click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. A PDF is also uploaded to the NPSO website - look for the link in the right-hand column.

If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#) or send mail to P.O. Box 902, Eugene, OR 97440.

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## 2022 NPSO iNaturalist Identifiers Workshop

Focusing on: Becoming an iNaturalist Identifier ~ Why identifiers are important  
NO experience needed

As an NPSO member or outdoor enthusiast you know what a plant is. That is the basic information you need to assist with identifying and validating posted iNaturalist observations around Oregon. Your skills help with our state's flora inventory and can spread the word about Oregon Flora web site resources. This workshop will guide you to set up an iNaturalist account if you don't have one and provide some simple directions to make a huge difference in the accuracy of plant observations posted on iNaturalist.

**Workshop Details:**

**Date:** Saturday, April 2, 2022

**Time:** 1:00 pm - 3:00 pm Pacific Time (US and Canada)

**Presenters:** Tom Wainwright, James Mickley, Barbara Wilson, and Gail Baker. All presenters are NPSO members and active, longtime iNaturalist users.

**Platform:** Zoom

Register in advance for this meeting:

[https://oregonstate.zoom.us/meeting/register/tJMkf-qtqjsuEt2h6\\_lC2KwrBkfLEgZymxHr](https://oregonstate.zoom.us/meeting/register/tJMkf-qtqjsuEt2h6_lC2KwrBkfLEgZymxHr)

After registering, you will receive a confirmation email containing information about joining the meeting.

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## High Desert Chapter Needs Volunteers



Sagebrush buttercup (*Ranunculus glaberrimus*) at Chimney Rock Trail near the Crooked River.

Photo by Cindy Roché

Spring is arriving in central Oregon and it is time to start planning activities for the High Desert Chapter. I recently sent out a call for volunteers to High Desert Chapter members, but I fear that our Mailchimp missive wound up in some recipients' spam folder and was not seen. (Even the copy sent to our chapter email went to the spam folder!) The Chapter will be holding an election for officers in March. Chapter members- watch for a

notice in your inbox (and don't forget to check your spam folder).

In addition to elected officers, we need volunteers to assist with specific projects: leading field trips, monitoring the Facebook page, preparing the newsletter, finding speakers, and coordinating special projects.

Help us keep the High Desert Chapter alive and strong. To volunteer, please send an email to [highdesertnpso@gmail.com](mailto:highdesertnpso@gmail.com). -Cindy Roché, Treasurer, High Desert Chapter

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## Oregon Mystery Plant

### Last month's mystery plant revealed:

Many thanks to Dave Dobak, who correctly identified last month's mystery plant as *Veronica* (*Syrinthis*, *Besseyia*) *rubra* in the family Plantaginaceae, commonly known as red kittentails.

For the many of us who know this plant as *Besseyia rubra*, Dave shared the following: “*Besseyia* was named in honor of Charles Bessey, noted for his early work on plant evolution, and originator of the “Besseyan dicta” a general set of principles that indicates more advanced or more primitive evolutionary stages.” More information on Charles Bessey can be found at:

<https://www.huntbotanical.org/admin/uploads/10hibd-huntia-9-2-pp179-214.pdf>



## New Mystery Plant Do you recognize this plant?



Photo by Faye Streier.

This month's mystery plant was photographed by Faye Streier in February 2022 near Chimney Rock along the Crooked River near Prineville, OR. It was found in a gravelly substrate within rocky sagebrush steppe with western juniper.

**Do you have an Oregon Mystery Plant to share?**

**Send it to the editor:** [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## Native Plant Appreciation Week Blossoms to a Month!!!

The NPSO State Board has decided to follow what appears to be a national trend and expand Native Plant Appreciation to a month. (Well, we know we appreciate native plants all year long...) Our inaugural Native Plant Appreciation Month will be April 2022, so mark your calendars now. April was selected because it is early in the wildflower season, so it is a good time to prepare for the native plant bounty of Oregon. A month-long celebration will give chapters lots of time to do hikes, talks, plant sales, etc., and it's not too early to start planning your chapter's activities now. - *Judi Sanders*

OregonFlora is developing a comprehensive resource about the plants of Oregon for nature enthusiasts, restorationists, land managers, scientists, and gardeners of all ages and levels of interest. The information within the three-volume *Flora of Oregon* books and the extensive database used to organize the information forms the foundation for our website, [oregonflora.org](http://oregonflora.org) and Oregon Wildflowers mobile app. These digital resources bring the beauty and diversity of Oregon's plant life to the public with thousands of photographs, interactive maps and intuitive identification tools.



Your financial support allows us to keep providing free access of digital information to the public. Our program relies on competitive grants and donations from individuals and groups to fund all of OregonFlora's direct operating expenses. The contributions people give of their time and financial resources are a critical part of our budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org).

Contributions can be made online [OregonFlora Donate](#) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.- *Linda Hardison*

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## NPSO Grant Proposals Requested

NPSO will continue to sponsor small field research grants. The objectives of the program are:

- To stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state.
- To promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival.

Research proposals are due by March 15th, 2022 (a two-week extension this year). The guidelines are available online at: [www.npsoregon.org/grants.html](http://www.npsoregon.org/grants.html). For a paper copy of the program policy and guidelines, contact:

Dan Luoma  
Field Research Grants Committee Chair  
5 NW Edgewood Dr.  
Corvallis, OR 97330

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# Washington Native Plant Society Conservation, Education, and Research Grants Available

The Washington Native Plant Society (WNPS) Conservation Committee is accepting grant application for projects that will restore, improve, or support on-the-ground, functioning native plant ecosystems in the State of Washington. Successful projects must provide public benefit and must align with WNPS Conservation principles. Applications will be evaluated for the quantity and quality of ecological benefit to be gained and the likelihood of project long-term success. Grant applications will be accepted until midnight March 1, 2022.

The WNPS Research and Education Committees are also accepting grant applications until midnight March 1, 2022. For application information and contacts for each of these grant programs, see:

<https://www.wnps.org/conservation-grants>

<https://www.wnps.org/education-grants>

<https://www.wnps.org/research>

-Becky Chaney, WNPS Conservation Committee Chair

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## Wanted: Volunteers for the *Bulletin*



Western boneset (*Ageratina occidentalis*) with pollinators, Spanish Peak, Ochoco Mountains, 2021, photo by James Kangas.

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## NPSO Board Seeks Candidates

Please consider taking the opportunity to serve the NPSO by running for election to one of the state-wide officer or at-large board of directors positions. Officer positions include President, Vice-President, Secretary, and Treasurer who serve one-year terms. Three Directors at-large are elected annually and serve two-year terms. If you, or someone you know, is interested, please send your questions or information about potential candidates to Dan Luoma by email ([daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu)) for more information.

## Willamette Valley Chapter Scholarships Available to Oregon Students



Marvel Luzell, previous scholarship winner. Marvel graduated from Oregon State University last year with a degree in Botany.

Photo by Taylor Barron.

The Willamette Valley Chapter is offering \$1,000 scholarships for sophomores, juniors, and seniors enrolled at an Oregon college and university for the 2022-2023 school year and who are majoring in one of the following fields of study:

- botany;
- horticulture with a focus on native plants;
- any biological, environmental, or natural resource science with a botany emphasis or;
- any biological, environmental, or natural resource science combined with a demonstrated intent to pursue studies or a career in a plant-based field focused on or related to native plants (e.g. ecology, systematics, sustainable natural resource management, landscape architecture, conservation biology).

Half-time students are eligible.

A limited number of qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship fund. Applications will be accepted by mail or electronically until **June 1, 2022**.

Applicants are required to submit:

- Name, address, email address, phone number, college/university name, and college/university address;
- A statement of academic and career intent, with a discussion of relevant coursework, extracurricular activities, and interests. Student's statement should show a demonstrated interest in native plants and the intent to pursue studies or careers related to native plants;
- One letter of reference from a person able to judge the student's ability to successfully complete study in the student's area of major study.
- Full collegiate academic record (transcript).

Applicants can send completed applications and documents by mail to

John Savage

Jean Davis and Augusta Rockafellar Scholarship Funds

413 Belmont Street NE

Salem, OR 97301

Or applicants can send completed applications and documents by email to:

[wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

For any questions about the scholarship, contact John Savage at 503-779-5414 or at [wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

## 2022 Washington Botanical Symposium

University of Washington Botanic Gardens and the University of Washington Herbarium at the Burke Museum (Seattle, Washington, USA) are pleased to announce the 2022 Washington Botanical Symposium. This program will be presented online as a Zoom webinar on:

**Wednesday, March 2, 2022**

**9:00 am - 3:30pm (PST)**

**Co-hosted by University of Washington Botanic Gardens and the University of Washington Herbarium, Burke Museum**

Program information available at:

<https://botanicgardens.uw.edu/education/adults/conferences-symposia/wa-botanical-symposium/>

or Facebook event page:

<https://www.facebook.com/events/2359754990849366/>

Scholarships are available for students, service corps members, or anyone with need.

An extensive network of professional, academic, and amateur botanists are actively engaged in the conservation, management, and study of Washington's diverse flora. Their expertise ranges from how best to manage biodiversity, to understanding climate change impacts on plant communities, to naming and classifying the flora's rare, common, and invasive elements. Invited speakers and poster presentations will share new insights and discoveries about these topics and more. Participants from throughout Washington and adjacent areas will have the opportunity to exchange ideas with colleagues within and across disciplines.

Attendees are invited to present research posters and make announcements about related news and opportunities on the symposium website. Contributions may include video, text, and/or images.

Sponsor: Washington Native Plant Society

Supporters: King County Noxious Weed Program; Parametrix; The Watershed Company; Washington State Department of Natural Resources, Natural Heritage Program

Friends: AECOM, Washington State Noxious Weed Control Board

-*Jessica Farmer, Adult Education Supervisor, University of Washington Botanic Gardens*

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## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Lisa Blackburn, at [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://www.facebook.com/CorvallisNPSO).

**Saturday, March 12th, 1:00 pm - 3:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

Late winter clean-up at the Avery Native Plant Garden at Avery House, Avery Park,

**Monday, March 14th, 7:30 pm - 8:30 pm**

**Zoom presentation: Alders of the Willamette Valley - A story of three species and how they get around.**

**Speaker: George Kral**

Pre-registration is required for this meeting. If you would like to join the meeting please send an email to [daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu) and include your Zoom name. We will be using the “waiting room” feature for enhanced security. You will receive an invitation to the meeting about one hour ahead of time. Unfortunately, requests for invitations after that point may be missed.

## **Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

**Saturday, March 19th, 1:00 pm - 3:00 pm**

**Field Trip: Buford Park East Trailhead Ramble**

Rambles are leaderless walks where participants identify and share their knowledge of plants they encounter as a group. All levels of experience are welcome. All we ask is that you are interested in plants! We'll walk on the gravel access road past the wet prairie, and then bear left on Trail 3 across the lower edge of Meadowlark Prairie. We won't go further than Buckbrush Canyon, about a mile-and-a-half in. There should be an abundance of early wildflowers. To sign up click [here](#).

**Monday, March 21st, 7:00 pm - 9:00 pm**

**Program: The Oregon Dunes, a Vanishing Landscape**

**Presenter: Dina Pavlis**

Oregon is home to the world's tallest coastal dunes, with some reaching as high as 500 feet above sea level and spanning 180 feet in length! About 45% of Oregon's coastline consists of coastal dunes that are home to many delightful native plants and animals. The Oregon dunes ecosystem relies on sand movement to survive; it is assaulted almost daily by strong coastal winds, resulting in the creation of stunning formations that move and change. Unfortunately, Oregon's coastal sand dunes have been rapidly disappearing over the last 100 years beneath a blanket of plants. Scientists estimate that we are losing one to five feet of open sand per year. What has changed and can Oregon's coastal dunes be saved? A Zoom link will be sent to members and posted on the NPSO Emerald Chapter web site closer to the date of the program.

**Saturday, March 26th, 1:00 pm - 2:00 pm**

**Field Trip: Museum of Natural and Cultural History Native Plant Garden**

The property surrounding this museum, on the University of Oregon campus, bears an

excellent native plant garden that is little known to the community. In this leaderless walk, participants will consult and improve a draft plant list and discuss ethnobotanical uses of these plants, so that the museum may prepare to offer interpretive walks for the public. Emerald Chapter members will be invited to lead some of these walks in partnership with the museum. Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. The address is 1680 East 15th Avenue on the University of Oregon campus in Eugene. To sign up, please register [here](#).

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (currently inactive)**

For information on the Mid-Columbia Chapter, contact [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at: <https://www.facebook.com/npsportland/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

**Thursday March 10th, 7:00 pm - 8:30 pm**

**Program: Native Habitat Restoration for Pollinators**

**Presenter: Mace Vaughn, Pollinator Program Co-Director for Xerces Society**

Native bees, butterflies, and other pollinators continue to be in decline across the United States. To help reverse these trends, the Xerces Society collaborates with farmers, food companies, federal agencies, and homeowners to plan, design, and plant habitats with native wildflowers, shrubs, and trees. In this talk, Mace will provide an update on pollinator declines in the western U.S., key pollinator habitat elements that need to be addressed, and examples of native wildflower projects Xerces is helping to put on the

After registering, you will receive a confirmation email with a link to join the meeting.

SAVE IT.

**Thursday April 14th, 7:00 pm - 9:00 pm**

**Program: Stalking Rare Plants of Hawaii and Oregon - Up Close and Personal**

**Presenter: Gerry Carr, Biologist/ Botanist/ Photographer**

Gerry's presentation will be a photographic journey across his thirty-year study of the iconic Hawaiian silversword and its highly diverse and lesser-known relatives. He'll then shift to his current quest to photograph the unique characteristics of as many of Oregon's native plants as possible.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZUrcu-vrz8uGtbXXwb2Td44XrIQxRTv\\_SWE](https://us06web.zoom.us/meeting/register/tZUrcu-vrz8uGtbXXwb2Td44XrIQxRTv_SWE)

After registering, you will receive a confirmation email with a link to join the meeting.  
SAVE IT.

**Thursday, April 21st, 7:00 pm - 8:00 pm**

**Zoom Workshop: Introduction to Plant Families**

**Presenter: Gina Bono, Botanist / Portland Chapter Member**

Did you know there is no such thing as the "yellow flower" plant family? Although many field guides are organized this way, there is actually a system based on key features that won't fade with the sun. Come and get a glimpse into some of the Pacific Northwest's most common native plant families, and how you can begin to recognize them for yourself. Then, take your new knowledge into the field with the many field trips being offered by experienced NPSO volunteers throughout the season. We will focus on flower and fruit structure, leaf patterns, and some basic biological classification. No prior plant knowledge necessary; all levels and abilities welcome.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZAlf--ppz8jHddpkyBeA-Z8gr-13\\_miGVAt](https://us06web.zoom.us/meeting/register/tZAlf--ppz8jHddpkyBeA-Z8gr-13_miGVAt)

After registering, you will receive a confirmation email with a link to join the meeting.  
SAVE IT.

**Thursday, May 12th, 7:00 pm - 8:30 pm**

**Program: In Search of the Wild Rhododendron**

**Presenters: Dave Andersen and Andrew Stern**

Dave and Andrew have been exploring the Cascades of northern Oregon and southern Washington in search of wild Rhododendrons since 2017. They have developed a particular interest in how these plants fared in areas affected by wildfire and have documented in photo and on iNaturalist how other plants, wildlife, and insects exist in association with these Rhododendron species.

Register in advance for this meeting:

<https://us06web.zoom.us/meeting/register/tZ0of-ivpjlsGNKfpNUjuNtoJWWkThP9lQ5k>

After registering, you will receive a confirmation email with a link to join the meeting.  
SAVE IT.

## Siskiyou

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to: [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at: <https://www.youtube.com/channel/UCXFI2J9yp2AYmUzNz0jLLSw>.

**Thursday, March 17th, 7:00 pm - 8:00 pm**

**Zoom Program: Introduction to the Rare Plant Monitoring Network of Southern Oregon**

**Speaker: Sean Prive, Understory Initiative**

To register for this free zoom talk: [bit.ly/sisk-npso-talks](https://bit.ly/sisk-npso-talks).

**Thursday, March 24th**

**Meeting: Siskiyou Chapter Member Meeting**

Siskiyou Chapter Member Meetings (now separate from programs) are the fourth Thursday of the month in 2022. To register for the member meeting: [bit.ly/sisk-npso-checkin](https://bit.ly/sisk-npso-checkin).

**Thursday, April 21st, 7:00 pm - 8:00 pm**

**Zoom Program: Using iNaturalist**

**Speaker: Rachel Werling**

To register for this free zoom talk: [bit.ly/sisk-npso-talks](https://bit.ly/sisk-npso-talks)

## Umpqua Valley

Visit [umpquavallevynativeplants.com](http://umpquavallevynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## Willamette Valley

**Sunday, March 27th, 9:00 a.m. - 2:00 p.m.**

**Field Trip: McDowell Creek Falls**

**Leader: John Savage**

John Savage will lead a walk to view Oregon fetid adder's tongue (*Scoliopus hallii*) and other early-blooming wildflowers at McDowell Creek Falls near Sweet Home, Oregon. The 1.7-mile loop walk (with 200 feet elevation gain) features lovely waterfalls and forest. Bring water, lunch, snacks, appropriate foot gear, and clothing for wet and cold conditions. Registration is required. To register and for more information, please contact

## **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché](#) and [Kareen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#)
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

April 2022 Volume 55, No. 3



Western trillium (*Trillium ovatum* ssp. *ovatum*)

Lane County, Oregon, 2005. Photo by Bruce Newhouse, Courtesy of OregonFlora.

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### **IT'S RENEWAL TIME!**

The NPSO membership year is January to December. Now is the time for members to renew for 2022. Please watch for a separately emailed renewal notice informing you of your current membership status. Thank you. -Margaret Conover

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If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#) or send mail to P.O. Box 902, Eugene, OR 97440.

## April is Native Plant Appreciation Month!

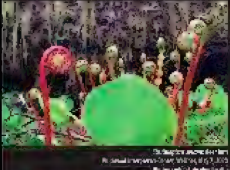
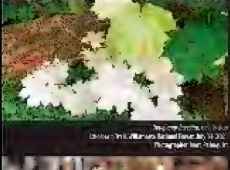


It's Time to Celebrate

# Native Plant Appreciation Month

April 1-30, 2022






Discover what your local NPSO chapter is doing  
[www.npsoregon.org](http://www.npsoregon.org)

**Ways to explore or learn more about Oregon's native plants ...**

- ◆ Join your local Native Plant Society
- ◆ Attend a program or workshop
- ◆ Visit a native plant nursery or garden
- ◆ Volunteer for a restoration project
- ◆ Hike a natural area
- ◆ Add native plants to your landscape
- ◆ Purchase a new guidebook



STATE OF OREGON  
**PROCLAMATION**  
OFFICE OF THE GOVERNOR

**WHEREAS:** Native plant species are an important part of Oregon's heritage, providing significant aesthetic, economic, and ecological contributions that make Oregon a special place to live; and

**WHEREAS:** Oregon enjoys an amazing diversity of over 3,600 native plant species, from the coastal rain forest plants to the high-desert species of eastern Oregon, and from the serpentine-adapted plants of the Siskiyou Mountains north to the diverse habitats of the Columbia Gorge; and

**WHEREAS:** Over 450 of our native plant species are listed as threatened or endangered by the Oregon Biodiversity Information Center; and

**WHEREAS:** Invasive species present a threat to sustaining Oregon's native plant ecosystems and the biodiversity that they enable.

**NOW,  
THEREFORE:** I, Kate Brown, Governor of the State of Oregon, hereby proclaim **April 2022** to be

**NATIVE PLANT APPRECIATION MONTH**

in Oregon and encourage all Oregonians to join in this observance.

IN WITNESS WHEREOF, I hereunto set my hand and cause the Great Seal of the State of Oregon to be affixed. Done at the Capitol in the City of Salem in the State of Oregon on this day, March 16, 2022.



*Kate Brown*  
Kate Brown, Governor

*Shemia Fagan*  
Shemia Fagan, Secretary of State

## Candidates for NPSO Board Positions 2022

The NPSO Nominating Committee offers the following list of candidates for the State offices. Newly elected individuals would usually assume office during the Annual Meeting. This year the induction "ceremony" will precede the on-line board meeting in May that will take place in lieu of the Annual Meeting board meeting. Please consider serving our Society. Interested persons and people with suggestions for future candidates may contact Dan Luoma by email ([daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu)) for more information.

Voting instructions will be sent via email to NPSO members-of-record in late April.

## **President:**

**Dan Luoma** (Corvallis) has been a member of NPSO since about 1980. He has previously served as State President, Vice-President, and Director-at-Large. His academic training is in ecological plant geography. Dan is a retired professor, having specialized in forest mycology with the Department of Forest Ecosystems and Society at Oregon State University. Dan has taught mycology at Oregon State University and a course on forest mycology through the Siskiyou Field Institute and Southern Oregon University. He continues to pursue research on the diversity of truffles and mushrooms in the forests of the Pacific Northwest. He was a charter member and second president of the Corvallis Chapter and is currently chapter Treasurer.

## **Vice-President:**

**Dave Garcia**, PhD (Siskiyou) was a co-founder and the first president of the Siskiyou Chapter (the first chapter outside Portland). He has worked on sensitive plant projects as a seasonal employee for the Forest Service and the Bureau of Land Management. He has also worked as an independent contractor doing sensitive plant surveys for the Rogue and Siskiyou National Forests. He is a past President of the Siskiyou Chapter. Dave has been active with the annual Irene Hollenbeck Memorial Wildflower Show (which he helped start about 40 years ago). The show is held in Ashland's Lithia Park each year on the 4th of July. Dave is a grandfather, a retired high school biology teacher, and a life-long student of nature, organisms, and ecosystems.

## **Secretary:**

**Steven Yeager** (Emerald) is originally from Philadelphia. Steven moved to the Pacific Northwest in 1994 and has been rooted in Eugene ever since. He has been exploring Oregon's wild places and studying the Pacific Northwest's native flora since 1995. Steven is the former co-owner of the Columbines School of Botanical Studies in Eugene. He also is the Director of Quality and Regulatory Affairs at Mountain Rose Herbs and is responsible for the proper identity of their botanical products. Steven is also active with the NPSO Emerald Chapter, having served as President, and serves on the boards of the United Plant Savers and the American Herbal Products Association.

## **Treasurer:**

**Michael Hartman** (Emerald) has served the NPSO in a variety of capacities for many years. He is currently NPSO Emerald Chapter Treasurer and was formerly NPSO *Bulletin* Mailing Coordinator and NPSO Webmaster.

## **Directors-at-Large:**

**Gail Baker** (Emerald) has been active in NPSO since 1982, holding positions as Emerald

Chapter President and Vice President, Director on the State Board, NPSO state-wide Vice President, assisting with annual meetings hosted by Emerald Chapter, contributing articles to NPSO Bulletin about destinations for wildflowers and botanical art, and a listing of wildflower festivals around Oregon. Gail currently coordinates Emerald Chapter speakers' program, works with sister organizations to co-sponsor speakers, serves on the Friends of Buford Park Stewardship Committee assisting with habitat restoration, and leads field trips for Mt Pisgah Arboretum. She served on the Oregon Flora Project Advisory Committee and initiated Wildflower Month in Eugene coordinating wildflower art exhibits, walks and programs leading up to the annual Mt Pisgah Arboretum Wildflower Festival.

After a long career in plant ecology research in California, she taught plant science courses at Lane Community College. Leading student field trips for plant ecology and botany classes and establishing the Native Plant Landscaping Project surrounding the Science and Math Building were some of the highlights. Gail loves to be outside exploring landscapes and the interactions between plants and animals they contain. Travel takes her and her family to biologically interesting regions where they immerse themselves in local environments and make connections between people, plants, and food while trying to visit every farmer's market.

**David Dalton** (High Desert) was born and raised in North Carolina. He earned a BS in botany from Duke University after which he skedaddled to Oregon to attend grad school at Oregon State University where he obtained a MS and PhD in botany. Besides the opportunity to study at Oregon State University he was drawn to Oregon because of its natural beauty especially the mountains, forests, and rivers. He is a passionate skier and whitewater water enthusiast. He has climbed most of the Cascade volcanoes from Baker to Shasta. He enjoys hiking with his two golden retrievers.

After grad school, he accepted a faculty position with Reed College in Portland where he taught courses such as Intro Biology, Plant Physiology, Plant Communities of the Pacific Northwest, and The Biological Legacy of Lewis and Clark for 32 years. While at Reed, he established a vigorous research program that often involved aspects of plant ecology and nitrogen fixation. He racked up over \$1.3 million dollars of grant money (mostly National Science Foundation) and published extensively in journals such as American Journal of Botany, Proceedings of the National Academy of Science, Plant Physiology, Physiologia Plantarum, FEMS Microbiology, Ecology, New Phytologist, and others. He is the author of a popular book entitled *The Natural World of Lewis and Clark*.

He retired from Reed in 2020 and moved to his dream home in central Oregon on the banks of the Deschutes River. He is a member of NPSO's Field Research Grants Committee and is eager to get more involved in NPSO activities that can benefit from his botanical knowledge.

**Stephen Meyers** (Corvallis) grew up and spent his early adulthood in New York. He

relocated to Oregon in 2001, thereafter receiving his MS in Genetics (2005) and PhD in Botany (2010) at Oregon State University. He is currently the taxonomic director of OregonFlora (aka the Oregon Flora Project), a position he has held since 2010. Stephen has long-held interests in rare plant research and political activism.

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## 2022 NPSO iNaturalist Identifiers Workshop

**Focusing on: Becoming an iNaturalist Identifier ~ Why identifiers are important  
NO experience needed**

As an NPSO member or outdoor enthusiast you know what a plant is. That is the basic information you need to assist with identifying and validating posted iNaturalist observations around Oregon. Your skills help with our state's flora inventory and can spread the word about Oregon Flora web site resources. This workshop will guide you to set up an iNaturalist account if you don't have one and provide some simple directions to make a huge difference in the accuracy of plant observations posted on iNaturalist.

### **Workshop Details:**

**Date:** Saturday, April 2, 2022

**Time:** 1:00 pm - 3:00 pm Pacific Time (US and Canada)

**Presenters:** Tom Wainwright, James Mickley, Barbara Wilson, and Gail Baker. All presenters are NPSO members and active, longtime iNaturalist users.

**Platform:** Zoom

Register in advance for this meeting:

[https://oregonstate.zoom.us/meeting/register/tJMkf-qtqjsuEt2h6\\_lC2KwrBkfLEgZymxHr](https://oregonstate.zoom.us/meeting/register/tJMkf-qtqjsuEt2h6_lC2KwrBkfLEgZymxHr)

After registering, you will receive a confirmation email containing information about joining the meeting.

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## Oregon Mystery Plant

**Last month's mystery plant revealed:**

Congratulations to Ken Chambers, Dayne Galash, and Leslie Olson, who all identified last month's mystery plant as *Lewisia rediviva*, commonly known as bitterroot. According to *Flora of the Pacific Northwest, Second Edition*, bitterroot is found in "gravelly to heavy, mostly dry soil in sagebrush plains to lower mountains." The fleshy basal leaves shown in the picture are often withered and dry when the flower blooms in late spring/early summer.

**NPSO members-** please share a photo of this beauty in bloom for the cover photo of an upcoming *Bulletin*. Send photos to [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

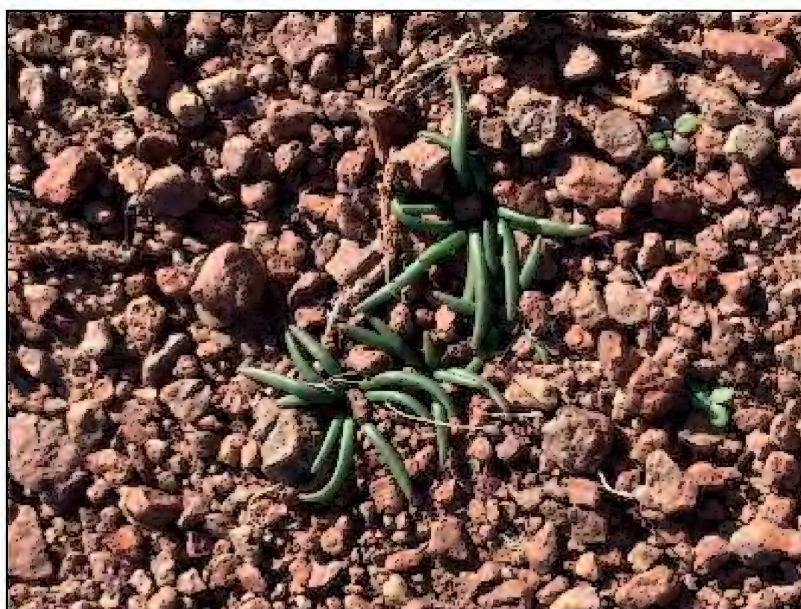


Photo by Faye Streier.

**New Mystery Plant**  
**Do you recognize this plant?**



Photo by Donna Giguere.

This month's mystery plant, the showy yellow plant in the center of the photo, was photographed by Donna Giguere in February 2022 on a rocky headland at the end of Cape Sebastian, Oregon.

**Do you have an Oregon Mystery Plant to share?**

**Send it to the editor:** [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## OregonFlora

We are delighted to once again participate in person at plant-related events this spring and summer. Here are a few that are coming up:

- OregonFlora will be present at the [Glide Wildflower Show](#), April 23-24. Stop by our table at this historic event—one of the largest wildflower shows in the northwest—to visit with some of the OregonFlora staff and to see living examples of the southwestern Oregon native flora.
- [The Museum of Natural and Cultural History](#) on the University of Oregon campus will be hosting an OregonFlora presentation in the museum on Thursday, May 12, at 6:00 pm.
- The [Oregon Master Gardeners Association Mini-College](#), held July 28-30 in Corvallis, will host the lecture “Resources from OregonFlora”.



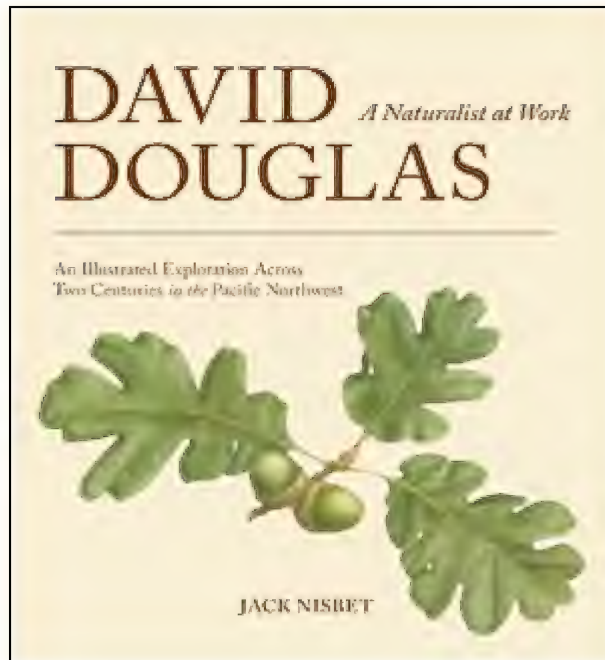
There are multiple tools we have developed to help you identify and understand the plant life of the state—no expertise required! With our website’s [“Identify Plants”](#) tool, simply indicate on a map where you and your unknown plant are, and then select from its features that you recognize. This filtering method of identification is also used in the [Oregon Wildflowers App](#) for your phone or tablet. The comprehensive [Flora of Oregon books](#) provide every detail about each taxon, and include maps, pen and ink illustrations, and general interest front chapters that explore how plants impact our lives.

Your financial support of OregonFlora helps us provide the public with these resources. Please join in keeping this information available with an [online contribution](#), or by mailing a check made payable to Agricultural Research Foundation (include “OFP” on the memo line) to: Agricultural Research Foundation, 1600 SW Western Blvd Suite 320, Corvallis, OR 97333.- *Linda Hardison*

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## Book Notes: Stories of Three Naturalists in the Pacific Northwest in the Nineteenth, Twentieth, and Twenty-first Centuries

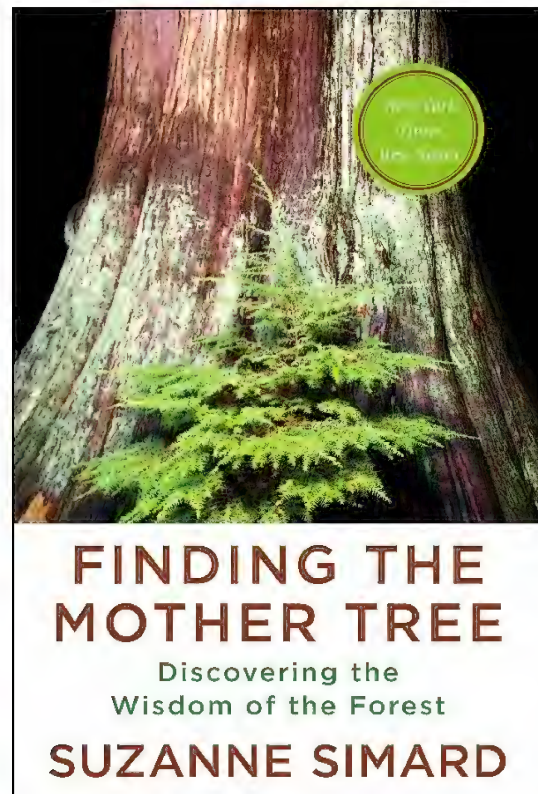
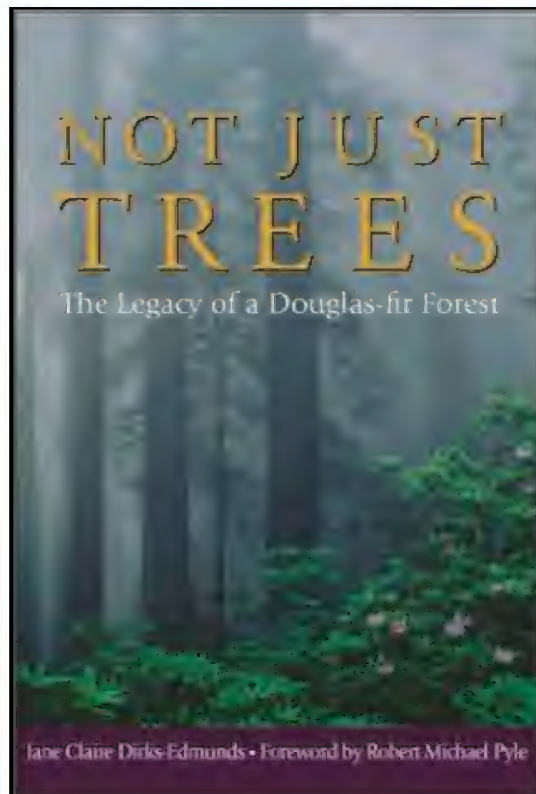
Opportunities for reading increased for me during the past two years and I stumbled upon three books about botanists/naturalists/ecologists that impressed me so much that I want to share them with NPSO members. I am inspired by these three scientists, whose whole lives were dedicated to learning and sharing as much as they could about the plants and ecosystems of the Pacific Northwest over the last two hundred years. One of them is a famous botanist and the other two are women whose names you may not recognize but are just as noteworthy for their contributions to science and understanding the natural world.



The first book, published in 2012, is *David Douglas: A Naturalist at Work. An Illustrated Exploration Across Two Centuries in the Pacific Northwest*, researched and compiled by Jack Nisbet. In this collection of first-person accounts and illustrations, Nisbet gives the reader the historical background to comprehend why David Douglas' journeys to the Northern Territories were so remarkable and crucial to understanding the native flora and fauna in comparison to other maritime parts of the world. Many of the plants that Douglas found and sent to the Royal Horticultural Society for propagation remain favorites of horticulturists today. I highly recommend both of Nisbet's books written in homage to David Douglas (this one and *The Collector*).

The second book, published in 1999, is *Not Just Trees, The Legacy of a Douglas-Fir Forest* by Jane Claire Dirks-Edmunds. Her memoir is organically connected to David Douglas's legacy. Unlike *A Naturalist at Work*, which crosses two oceans, a continent, and most of the Pacific Northwest in one decade, *Not Just Trees* is mostly written about a single forest peak, Saddleback Mountain in the Oregon Coast Range, and spans over six decades. The historical context of the author, Dirks-Edmunds, is also extremely relevant: the early part of the 20th century, a time when ecology was a budding field, and women could be lab assistants, but hardly professors, PhDs, or scientists. In her chronology of both place and time, Dirks-Edmunds takes the reader on an intimate examination of a whole forest *in situ*, not just the trees, through the fullness of a mature, interwoven

community of organisms, to death and destruction by logging and fire, then to restoration and potential for rebirth. Thus, Dirks-Edmunds takes us on a journey of a lifetime, both hers and the forests.



The third book, published in 2021, is *Finding the Mother Tree: Discovering the Wisdom of the Forest*, an autobiography of forest ecologist Suzanne Simard. She is another woman who had to fight for her position as a biologist in the masculine world of science and forestry. She grew up in the forests of British Columbia in a family of loggers, Simard learned to walk the narrow line between protection and forestry for production. Originally hired by the Canadian Forest Service to diagnose why the replanted Douglas-fir and pine trees were not thriving, Simard discovers a whole world of earthly familial connections both above and below ground. Her painstaking empirical experiments will amaze you, as well as what she discovers about the web of life in a forest and at home. Simard has opened a new frontier in forest ecology that is worthy of recognition. —*Lecia Schall, Portland chapter*

## Call for nominations for 2022 Fellows Awards

The Fellows Award is the highest honor bestowed in our Society, recognizing NPSO members for their exceptional contributions to the Society. The award comes with a certificate of recognition and lifetime membership in the Society.

In addition to honoring the recipient, the Fellows Award informs the general membership of the good deeds and long-time commitment of some members in supporting our mission, as well as outstanding contributions to knowledge of native plants. The award

serves to inspire and encourage newer members to make their own contributions to the Society.

We hope that individuals who are approached for nomination for the award will accept this recognition of their accomplishments. It's important for others to understand what it takes to run an organization staffed entirely by volunteers.

Guidelines for Fellows nominations are available online at [http://www.npsoregon.org/documents/NPSO\\_Fellows.4-4-16.pdf](http://www.npsoregon.org/documents/NPSO_Fellows.4-4-16.pdf) or by request from the Fellows Committee at [fellows@npsoregon.org](mailto:fellows@npsoregon.org). Nominations should be submitted to the Fellows Committee at that email address before December 31 (earlier submission is encouraged). Nominations must include an essay describing the nominee's accomplishments and a good quality digital photo of the nominee that is suitable for publication. The Fellows Committee will evaluate nominations that meet the submission criteria and recommend awardees to the State Board. Awards will be presented at the next Annual Meeting; biographies and photos of recipients will be posted on the NPSO website.— *Kareen Sturgeon and Cindy Roché*

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## Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## Proofreading Help Needed

The *Bulletin* needs one or more people to proofread the *Bulletin* prior to publication each month. Proofreaders receive a draft version of the *Bulletin* from the editor, usually on the 25<sup>th</sup> of the month, and review it for correct grammar and formatting. The time commitment for this is one to three hours per month. To volunteer contact: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

Please help us in producing a quality monthly *Bulletin*!

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# Willamette Valley Chapter Scholarships Available to Oregon Students



Marvel Luzell, previous scholarship winner. Marvel graduated from Oregon State University last year with a degree in Botany.

Photo by Taylor Barron.

The Willamette Valley Chapter is offering \$1,000 scholarships for sophomores, juniors, and seniors enrolled at an Oregon college and university for the 2022-2023 school year and who are majoring in one of the following fields of study:

- botany;
- horticulture with a focus on native plants;
- any biological, environmental, or natural resource science with a botany emphasis or;
- any biological, environmental, or natural resource science combined with a demonstrated intent to pursue studies or a career in a plant-based field focused on or related to native plants (e.g. ecology, systematics, sustainable natural resource management, landscape architecture, conservation biology).

Half-time students are eligible.

A limited number of qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship fund. Applications will be accepted by mail or electronically until **June 1, 2022**.

Applicants are required to submit:

- Name, address, email address, phone number, college/university name, and college/university address;
- A statement of academic and career intent, with a discussion of relevant coursework, extracurricular activities, and interests. Student's statement should show a demonstrated interest in native plants and the intent to pursue studies or careers related to native plants;
- One letter of reference from a person able to judge the student's ability to successfully complete study in the student's area of major study.
- Full collegiate academic record (transcript).

Applicants can send completed applications and documents by mail to

John Savage  
Jean Davis and Augusta Rockafellar Scholarship Funds  
413 Belmont Street NE  
Salem, OR 97301

Or applicants can send completed applications and documents by email to:

[wvnpsogmail.com](mailto:wvnpsogmail.com).

For any questions about the scholarship, contact John Savage at 503-779-5414 or at [wvnpsogmail.com](mailto:wvnpsogmail.com).

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## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Lisa Blackburn, at [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**Saturday, April 9th, 1:00 pm - 3:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

Located at Avery House, Avery Park, Corvallis. We will work on barking the paths which means moving piles of bark mulch so come prepared with shovels and energy. Please bring water and gloves. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Monday April 11th, 7:30 pm -8:30 pm**

**Zoom Meeting: Growing Native Plant Materials for Restoration and Conservation in the Willamette Valley and Beyond**

**Presenter: Alexis Larsen**

The Plant Materials Program at the Institute for Applied Ecology works with partners throughout the Pacific Northwest and beyond to improve the availability of plant materials, primarily seeds, for restoration and management of native habitats and species. The Program forms partnerships, including formal partnerships such as the Willamette Valley Native Plant Partnership and Coastal Native Seed Partnership, with a wide variety of organizations to improve seed markets and stabilize the supply of and demand for native seeds. To enhance the species and genetic diversity of plants available for habitat restoration, we collect seed from the wild and increase it through carefully managed, source-identified agricultural production.

Pre-registration is required for this meeting. If you would like to join the meeting please send an email to [daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu) and include your Zoom name. We will be using the “waiting room” feature for enhanced security. You will receive an invitation to the meeting about one hour ahead of time. Unfortunately, requests for invitations after that point may be missed.

**Saturday, April 23rd, 10:00 am - 12:00 pm**

**Field trip: Mary's River Natural Area Wildflower Walk**

**Leader: Ester McEvoy**

Mary's River Natural Area is located off the east side of Brooklane Drive. (44.5424557, -123.2822197 or GPR9+X4 Corvallis, Oregon). Google calls the parking area the “Marys River Natural Park”. Contact Esther for more information at [estherco@peak.org](mailto:estherco@peak.org) or 514-990-0948. We will walk the boardwalk to look for early spring flowers, bring your binoculars.

**Saturday, April 30th, 1:00 pm - 3:00pm**

**Field Trip: Jackson-Frazier Wetlands**

**Leaders: Dan Luoma and Joyce Eberhart**

In celebration of Native Plant Appreciation Month, join the field trip leaders on a stroll through Jackson-Frazier Wetlands. The natural area trail is a boardwalk and the walk is wheelchair accessible. Meet at the parking area for Jackson-Frazier at the north end of Lancaster St., Corvallis. For more information contact Dan Luoma, [luomad@fsl.orst.edu](mailto:luomad@fsl.orst.edu).

**Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

**Friday, April 15th, 7:30 pm - 9:30 pm**

**Zoom Program: The Effects of Wildfire on Plant-pollinator Communities**

**Presenter: Lauren Ponisio**

While pollinator population and community restoration is fairly well studied in agricultural systems, relatively little is known about maintaining community richness and health in natural habitat. Conserving these populations is critical to sustaining wild plant and animal populations reliant on pollination, but also as a possible source of pollinators for agriculture. In particular, forests are increasingly recognized as important habitats for pollinators including bees, but we have limited knowledge of the forest management practices that promote species-rich and healthy communities. Filling this knowledge gap is especially critical given ongoing wildfire regimes changes in forests in the Western U.S., which are changing the habitat available to support pollinators. This talk will review our current understanding of the effects of fire on plant-pollinator communities and ongoing projects in the lab aimed at understanding post-fire community assembly and health. Lauren Ponisio is an Assistant Professor at the Institute of Ecology and Evolution at the University of Oregon. This talk is co-sponsored with Eugene Natural History Society. [ZOOM LINK](#).

**Saturday, April 16th, 1:00 pm - 2:00 pm**

**Field Trip: Museum of Natural and Cultural History Native Plant Garden**

**Leaders: Emerald Chapter Members**

The property surrounding this museum, on the University of Oregon campus, bears an excellent native plant garden that is little known to the community. In partnership with the museum, Emerald Chapter members will be leading this short walk in and around the museum's Glenn Starlin Native Plant Courtyard. With over forty species, the courtyard offers a rich array of plant life that have provided nutrition and material for tools, shelter, and more for millennia. This is the first of a monthly series of walks at this location. Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. The address is 1680 East 15th Avenue on the University of Oregon campus in Eugene. Sign-up is not needed, and the tour is free to NPSO members.

**Wednesday, April 20th, 1:00 pm - 2:00 pm**

**Field Trip: City of Eugene Native Plant Garden Tour**

**Leader: Kelsey Irvine, Native Plant and Natural Areas Volunteer Coordinator, City of Eugene**

This will be a short tour of the native plant nursery which is a production nursery dedicated to supporting urban restoration projects with plants and seed. Because we are growing so many different types of plants, the nursery is a hub for pollinators and other natural activity. Park at the Alton Baker Community Garden, walk around the corner past the host house and Nearby Nature, and take the right driveway slightly south of the tan yurt. To sign up, please register [here](#).

Saturday, April 30th, Time to be Announced on Chapter Website

Field trip: Zumwalt Park

Leader: Ed Alverson

Zumwalt Park is a relatively undeveloped park on the shores of Fern Ridge Reservoir. Mowing of some open grassy areas is delayed to allow the native prairie species such as camas to bloom and set seed. Meet at the entrance to Zumwalt Park off Jeans Road, in Veneta. Sign up [here](#).

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (currently inactive)**

For information on the Mid-Columbia Chapter, contact [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at: <https://www.facebook.com/nps.portland/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

**Month of April**

**Event: Portland Chapter's i Naturalist NPSO PDX April 2022 Native Plant Appreciation Month Bioblitz!**

**Organizers: Lecia Schall and Dave Anderson**

**April is Native Plant Appreciation Month - Join the Portland Chapter iNaturalist BioBlitz!**

What's a Bioblitz? It's an event that focuses on identifying as many species as possible in a

specific area over a short period of time.

NPSO Portland Chapter presents its second annual iNaturalist Bioblitz as a **Native Plant Appreciation Month** opportunity to enjoy and protect Pacific Northwest natives. Help us document the existence and phenology (life stage) of native plants **in the greater Portland area AND the Columbia River Gorge during the months of April and May**. If you haven't already, please download the iNaturalist app, available for iPhone or Android, and at iNaturalist .

Anyone can add observations. Look for **NPSO PDX Native Plant Appreciation Month April 2022 BioBlitz** under **Projects**. After joining the project, just upload your observations to iNaturalist. They will automatically be included in our BioBlitz. Please help us by identifying observations by others, as well. We will collate observations and watch for rare or sensitive species.

<https://www.inaturalist.org/projects/nps-pdx-april-2022-native-plant-appreciation-month-bioblitz/edit>

**Monday, April 4th, 7:00 pm - 8:00 pm**

**Workshop: A Beginner's Guide to Plant Identification**

**Presenter: Gabriel Campbell, Director of Rae Selling Berry Seed Bank, Portland State University**

Have you ever tried to identify a plant and struggled? You are not alone. Identifying plants can be difficult, especially when you don't know where to start. Understanding a few basic botanical concepts can help you confidently identify plants.

Join us in a beginner's guide to plant identification. No particular background is needed, and all are welcome. Learn the process of identifying plants. Learn about scientific species names. Learn how to look at plants and to tell what a root, stem, leaf, flower, and fruit are. Learn the tools needed and resources available that will help you to scientifically identify plants. Two hands-on classes will follow on April 5 and 6, from 5:30 pm - 7:00 pm at Hoyt Arboretum. For information and to register for the outdoor classes, contact Gabriel at [camp5595@gmail.com](mailto:camp5595@gmail.com).

Register in advance for this meeting:

<https://us06web.zoom.us/meeting/register/tZArf-isqzotHdS8Sc2Oq6kCN02YjQZPngZT>

After registering, you will receive a confirmation email with a link to join the meeting. SAVE IT.

**Thursday April 14th, 7:00 pm - 9:00 pm**

**Program: Stalking Rare Plants of Hawaii and Oregon - Up Close and Personal**

**Presenter: Gerry Carr, Biologist/ Botanist/ Photographer**

Gerry's presentation will be a photographic journey across his thirty-year study of the iconic Hawaiian silversword and its highly diverse and lesser-known relatives. He'll then shift to his current quest to photograph the unique characteristics of as many of Oregon's native plants as possible.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZUrcu-vrz8uGtbXXwb2Td44XrIQxRTv\\_SWE](https://us06web.zoom.us/join/zoom-join?from=addon&url=https://us06web.zoom.us/join/zoom-join?from=addon&url=https://us06web.zoom.us/meeting/register/tZUrcu-vrz8uGtbXXwb2Td44XrIQxRTv_SWE)

After registering, you will receive a confirmation email with a link to join the meeting.  
SAVE IT.

**Thursday, April 21st, 7:00 pm - 8:00 pm**

**Zoom Workshop: Introduction to Plant Families**

**Presenter: Gina Bono, Botanist / Portland Chapter Member**

Did you know there is no such thing as the “yellow flower” plant family? Although many field guides are organized this way, there is actually a system based on key features that won’t fade with the sun. Come and get a glimpse into some of the Pacific Northwest’s most common native plant families, and how you can begin to recognize them for yourself. Then, take your new knowledge into the field with the many field trips being offered by experienced NPSO volunteers throughout the season. We will focus on flower and fruit structure, leaf patterns, and some basic biological classification. No prior plant knowledge necessary; all levels and abilities welcome.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZAlf--ppz8jHddpkyBeA-Z8gr-13\\_miGVAt](https://us06web.zoom.us/join/zoom-join?from=addon&url=https://us06web.zoom.us/meeting/register/tZAlf--ppz8jHddpkyBeA-Z8gr-13_miGVAt)

After registering, you will receive a confirmation email with a link to join the meeting.  
SAVE IT.

**Thursday, May 12th, 7:00 pm - 8:30 pm**

**Program: In Search of the Wild Rhododendron**

**Presenters: Dave Andersen and Andrew Stern**

Dave and Andrew have been exploring the Cascades of northern Oregon and southern Washington in search of wild Rhododendrons since 2017. They have developed a particular interest in how these plants fared in areas affected by wildfire and have documented in photo and on iNaturalist how other plants, wildlife, and insects exist in association with these Rhododendron species.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZ0of-ivpjlsGNKfpNUjuNtoJWWkThP9lQ5k](https://us06web.zoom.us/join/zoom-join?from=addon&url=https://us06web.zoom.us/meeting/register/tZ0of-ivpjlsGNKfpNUjuNtoJWWkThP9lQ5k)

After registering, you will receive a confirmation email with a link to join the meeting.  
SAVE IT.

## **Siskiyou**

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to: [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out

at: <https://www.youtube.com/channel/UCXFI2J9yp2AYmUzNz0jLlSw>.

**Saturday, April 16th, 10:00 am**

**Field Trip: Rough & Ready Wayside**

**Leader: Suzanne Vautier, Cultural & Ecological Enhancement Network**

Meet at the parking area at Rough & Ready Botanical Wayside south of Cave Junction on U.S. Highway 199 at Mile Marker 34. The walk is geared for plant enthusiasts and novices alike. This is a great opportunity for you to come out and enjoy the wildflowers no matter what your skill level on plant identification might be. This is a short hike on rocky but relatively level ground, with lots of beautiful wildflowers to see, many of them rare or of limited range. A portion of the hike will be along a wheelchair accessible path. Be prepared. Bring water, dress in layers, and wear comfortable shoes. Bring a sack lunch if you like, there's a picnic table overlooking Rough & Ready Creek. For more information call Suzanne at 541-291-8860. Sponsored by the Cultural & Ecological Enhancement Network (CEEN) and the Siskiyou Chapter Native Plant Society of Oregon.

**Thursday, April 21st, 7:00 pm - 8:00 pm**

**Hybrid Zoom and In-Person Program: Using iNaturalist**

**Speaker: Rachel Werling, Siskiyou chapter NPSO**

iNaturalist is a fun and powerful community science tool that is (almost) like having a dichotomous key in your pocket. We'll learn the simple and quick way to use the application to answer such questions as: What is this plant? What is blooming around me now? And what flowers could I see in Scotland in June? This will be an interactive workshop! This is our first hybrid meeting that includes either watching from home on Zoom or joining us in Room 161, Science Building, at Southern Oregon Land Conservancy.

REQUIRED: a smart phone with the free iNaturalist application downloaded. See [www.iNaturalist](http://www.iNaturalist) for information. This class be paired with an outing on April 24 (see below) to the magnificent Whetstone Savanna of Southern Oregon Land Conservancy, where we will explore this special place and practice "iNat-ing" as we go. Both will be good background if you want to be part of upcoming rare plant monitoring efforts. Stay tuned for more.

Rachel Werling is a native-plant botanist and president of the Siskiyou Chapter of the NPSO. She is faculty at Oregon State University Extension.

To register for this free Zoom talk: [bit.ly/sisk-npsso-talks](https://bit.ly/sisk-npsso-talks).

**Sunday, April 24, 9:00 am - 12:00 pm (Carpool meets at 8:30 am)**

**Field Trip: Wildflower Walk: Plants and iNaturalist at the Whetstone Savanna Preserve**

**Leader: Rachel Werling**

Join Rachel Werling for an easy walk practicing plant ID with the iNaturalist app around the magical vernal pool habitats in the Southern Oregon Land Conservancy's Whetstone Savanna Preserve north of Medford. This preserve is a spring wildflower haven and home to federally listed endangered Cook's Lomatium, as well as threatened vernal pool fairy shrimp. There's a wonderful diversity of species and habitat types (prairie, oak, chaparral), and a variety of conditions (intact, degraded and restored) to explore. Please

try to attend the Siskiyou chapter NPSO iNaturalist workshop on April 21 and come with the app on your smartphone if you want to attend this walk. Contact Katelyn for more info and to register: [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). The carpool meeting location will be available to registrants.

**Thursday May 5<sup>th</sup>, 3:00 pm - 5:30 pm**

**Field Trip: Pompadour Bluff Wildflower Walk**

**Leader: Kristi Mergenthaler**

The Harry & Marilyn Fisher Preserve at Pompadour Bluff located just outside of Ashland is a new Southern Oregon Land Conservancy preserve. This short hike is an opportunity to see the iconic bluff up-close with a focus on flower identification. Southern Oregon buttercup, endemic to Jackson County, should be in bloom. The group will join botanist Kristi Mergenthaler on a slow walk, steep and mostly off trail, through grassland and oak woodland to the top of the bluff and back down. This one-mile round-trip has an elevation gain of over 200 ft. The preserve is only open for special events like this one. Group size is limited to 10 - carpooling encouraged. For more info and to register for this free hike email [kristi@landconserve.org](mailto:kristi@landconserve.org).

## **Umpqua Valley**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## **Willamette Valley**

**Saturday, April 30, 9:00 am - 2:00 pm**

**Field Trip: Silver Falls State Park**

**Leader: Matt Palmquist**

Park ranger Matt Palmquist will lead a walk to view the forest and riparian wildflowers along the Howard Creek Trail at Silver Falls State Park. The walk will cover three miles with some elevation gain. Bring water, lunch, snacks and appropriate foot gear, and clothing for early spring weather. To register and for more information, please contact John Savage at [wvnpso@gmail.com](mailto:wvnpso@gmail.com).

## **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](https://www.facebook.com/NPSO-Filipendula-Chapter)

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché](#) and [Kareen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#)
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

May 2022 Volume 55, No. 4



Columbia desert parsley (*Lomatium columbianum*)

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If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list, visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

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## Candidates for NPSO Board Positions 2022

The NPSO Nominating Committee offers the following list of candidates for the State offices. Newly elected individuals would usually assume office during the Annual Meeting. This year the induction "ceremony" will precede the on-line board meeting in May which will take place in lieu of the Annual Meeting board meeting. Please consider serving our Society. Interested persons and people with suggestions for future candidates may contact Dan Luoma by email ([daniel.luoma@oregonstate.edu](mailto:daniel.luoma@oregonstate.edu)) for more information.

Voting instructions will be sent via email to NPSO members-of-record in late April.

### President:

**Dan Luoma** (Corvallis) has been a member of NPSO since about 1980. He has previously

served as State President, Vice-President, and Director-at-Large. His academic training is in ecological plant geography. Dan is a retired professor, having specialized in forest mycology with the Department of Forest Ecosystems and Society at Oregon State University. Dan has taught mycology at Oregon State University and a course on forest mycology through the Siskiyou Field Institute and Southern Oregon University. He continues to pursue research on the diversity of truffles and mushrooms in the forests of the Pacific Northwest. He was a charter member and second president of the Corvallis Chapter and is currently chapter Treasurer.

#### **Vice-President:**

**Dave Garcia**, PhD (Siskiyou) was a co-founder and the first president of the Siskiyou Chapter (the first chapter outside Portland). He has worked on sensitive plant projects as a seasonal employee for the Forest Service and the Bureau of Land Management. He has also worked as an independent contractor doing sensitive plant surveys for the Rogue and Siskiyou National Forests. He is a past President of the Siskiyou Chapter. Dave has been active with the annual Irene Hollenbeck Memorial Wildflower Show (which he helped start about 40 years ago). The show is held in Ashland's Lithia Park each year on the 4th of July. Dave is a grandfather, a retired high school biology teacher, and a life-long student of nature, organisms, and ecosystems.

#### **Secretary:**

**Steven Yeager** (Emerald) is originally from Philadelphia. Steven moved to the Pacific Northwest in 1994 and has been rooted in Eugene ever since. He has been exploring Oregon's wild places and studying the Pacific Northwest's native flora since 1995. Steven is the former co-owner of the Columbines School of Botanical Studies in Eugene. He also is the Director of Quality and Regulatory Affairs at Mountain Rose Herbs and is responsible for the proper identity of their botanical products. Steven is also active with the NPSO Emerald Chapter, having served as President, and serves on the boards of the United Plant Savers and the American Herbal Products Association.

#### **Treasurer:**

**Michael Hartman** (Emerald) has served the NPSO in a variety of capacities for many years. He is currently NPSO Emerald Chapter Treasurer and was formerly NPSO *Bulletin* Mailing Coordinator and NPSO Webmaster.

#### **Directors-at-Large:**

**Gail Baker** (Emerald) has been active in NPSO since 1982, holding positions as Emerald Chapter President and Vice-President, Director on the State Board, NPSO state-wide Vice-President, assisting with annual meetings hosted by Emerald Chapter, contributing articles to NPSO Bulletin about destinations for wildflowers and botanical art, and

providing a listing of wildflower festivals around Oregon. Gail currently coordinates Emerald Chapter speakers' program, works with sister organizations to co-sponsor speakers, serves on the Friends of Buford Park Stewardship Committee assisting with habitat restoration, and leads field trips for Mt. Pisgah Arboretum. She served on the Oregon Flora Project Advisory Committee and initiated Wildflower Month in Eugene coordinating wildflower art exhibits, walks, and programs leading up to the annual Mt. Pisgah Arboretum Wildflower Festival.

After a long career in plant ecology research in California, she taught plant science courses at Lane Community College. Some of the highlights were leading student field trips for plant ecology and botany classes and establishing the Native Plant Landscaping Project surrounding the Science and Math Building. Gail loves to be outside exploring landscapes and the interactions between the plants and animals the landscapes contain. Travel takes her and her family to biologically interesting regions where they immerse themselves in local environments and make connections between people, plants, and food while trying to visit every farmer's market.

**David Dalton** (High Desert) was born and raised in North Carolina. He earned a BS in botany from Duke University, after which he skedaddled to Oregon to attend graduate school at Oregon State University where he obtained an MS and PhD in botany. Besides the opportunity to study at Oregon State University, he was drawn to Oregon because of its natural beauty, especially the mountains, forests, and rivers. He is a passionate skier and whitewater enthusiast. He has climbed most of the Cascade volcanoes from Baker to Shasta. He enjoys hiking with his two golden retrievers.

After graduate school, he accepted a faculty position with Reed College in Portland where he taught courses such as Intro Biology, Plant Physiology, Plant Communities of the Pacific Northwest, and The Biological Legacy of Lewis and Clark for 32 years. While at Reed, he established a vigorous research program that often involved aspects of plant ecology and nitrogen fixation. He racked up over \$1.3 million dollars of grant money (mostly National Science Foundation) and published extensively in journals such as *American Journal of Botany*, *Proceedings of the National Academy of Science*, *Plant Physiology*, *Physiologia Plantarum*, *FEMS Microbiology*, *Ecology*, *New Phytologist*, and others. He is the author of a popular book entitled *The Natural World of Lewis and Clark*.

He retired from Reed in 2020 and moved to his dream home in central Oregon on the banks of the Deschutes River. He is a member of NPSO's Field Research Grants Committee and is eager to get more involved in NPSO activities that can benefit from his botanical knowledge.

**Stephen Meyers** (Corvallis) grew up and spent his early adulthood in New York. He relocated to Oregon in 2001, thereafter receiving his MS in Genetics (2005) and PhD in Botany (2010) at Oregon State University. He is currently the taxonomic director of

OregonFlora (aka the Oregon Flora Project), a position he has held since 2010. Stephen has long-held interests in rare plant research and political activism.

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## Speakers Announced for the 2022 Smithsonian Botanical Symposium

From [Plant Press](#), Vol. 25, No. 2, April 2022.



The Smithsonian's Department of Botany and the United States Botanic Garden will hold the 19<sup>th</sup> [Smithsonian Botanical Symposium](#), "Life on the Edge: Exceptional Plants in Exceptional Places," on 13 May 2022.

Plants live in seemingly inhospitable environments that exhibit extremes of light, temperature, altitude, drought, and substrate. To survive in the driest deserts, on mountaintops, without soil or with toxic soil, numerous adaptations have evolved to enable specialized plants such as succulents, epiphytes, and alpine to exploit these environments. The 19<sup>th</sup> Smithsonian Botanical Symposium will explore current research on plants in extreme environments, examining their natural history, evolution, and value for human survival, in the face of climate change and increasing pollution. Speakers will include scientists specializing in conservation, ecology, systematics, and genetics whose research explores plant survival in extreme parts of the natural world.

In addition, the 19<sup>th</sup> José Cuatrecasas Medal in Tropical Botany will be awarded at the Symposium. This prestigious award is presented annually to an international scholar who has contributed significantly to advancing the field of tropical botany. The award is named in honor of Dr. José Cuatrecasas, a pioneering botanist who spent many years working in the Department of Botany at the Smithsonian and devoted his career to plant exploration in tropical South America.

The Symposium will be a hybrid event serving both in-person and virtual guests. If you wish to attend in-person, the Symposium will be held at the National Museum of Natural History in Washington, DC. If you wish to attend virtually, a Zoom link will be provided after you register online. We request all attendees, both in-person and virtual,

to [register](https://smithsonian.zoom.us/webinar/register/WN_l7QFKW9BSZ-ss6uyWW9Erg) at [https://smithsonian.zoom.us/webinar/register/WN\\_l7QFKW9BSZ-ss6uyWW9Erg](https://smithsonian.zoom.us/webinar/register/WN_l7QFKW9BSZ-ss6uyWW9Erg).

The event is free; there is no registration fee to attend the Symposium.

Tentative schedule (all times are Eastern Daylight Time)

- 1:00 pm - Welcome and presentation of the José Cuatrecasas Medal
  - 1:15 pm - Jenna Ekwealor (Smithsonian Institution), "The secret lives of desert moss"
  - 1:45 pm - Fabian Michelangeli (New York Botanical Garden), "Endemism and adaptations in the flora of the lost world"
  - 2:15 pm - Break
  - 2:45 pm - Tanisha Williams (Bucknell University), "Protecting the Fynbos: climate change insights from South Africa"
  - 3:15 pm - Ben Nyberg (National Tropical Botanical Garden), "A conservation airlift: applications of drone technology in plant conservation"
  - 3:45 pm - Break
  - 4:15 pm - Jessica Allen (Eastern Washington University), "Urban lichens: symbioses in the built environment"
  - 4:45 pm - Panel Discussion
  - 5:15 pm - Wrap-up
- reprinted courtesy of the Plant Press*

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## Oregon Mystery Plant

### Last month's mystery plant revealed:

Last month's mystery plant was a popular one! Bruce Waugh, Elaine Stewart, Phil Hays, Tanya Harvey, Kathleen Sayce, and Nancy (Betty) Baumeister all correctly identified it as *Sanicula arctopoides*, commonly known as bear's foot sanicle or footsteps of spring. *Flora of Oregon* documents this species on dunes, beaches, and coastal bluffs. It ranges from California north to Oregon, Washington, and British Columbia.



Photo by Donna Giguere.

## **New Mystery Plant**

### **Do you recognize this plant?**



Photo by Kathleen Sayce.

This month's mystery plant, the white flowered plant in the center of the photo, was photographed by Kathleen Sayce in 2012 on the road to Onion Peak, Clatsop County, OR.

It was growing on a wet basalt rock with a seasonal freshwater seep.

Do you have an Oregon Mystery Plant to share?

Send it to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## OregonFlora

*Editor's Note: The Oregonian article referenced below was published on April 30. An online version may be viewed at: <https://www.oregonlive.com/hg/2022/04/in-a-labor-of-love-oregonflora-team-creates-an-oregon-plant-guide-for-the-ages.html>. Non-subscribers to the Oregonian are able to view one "exclusive" article like this monthly for free by entering an email in the box at the bottom of the article teaser. You may need to "clear cookies and site data" from the Oregonian url by clicking on the little padlock symbol in your browser, next to the url, and then reloading the page to see the option of adding an email.*

The Oregonian newspaper is scheduled to publish an article featuring OregonFlora at the end of April 2022. As the reporter Dennis Peck researched the story, he asked me about the history of our program. Many present-day NPSO members can agree with me that the NPSO was an essential element in the formation of the Oregon Flora Project in 1994. Founder Scott Sundberg initially approached the NPSO Board, seeking its input and support to create a program to prepare a new flora for Oregon. One of the values Scott asserted was that valuable plant knowledge is held by people with diverse backgrounds; it is not just academics and agency workers that have botanical expertise. The membership of the NPSO reflects that diversity. NPSO's partnership with the Oregon Flora Project helps to expand members' understanding of plants through conservation, wildflower identification, hiking, photography, gardening, and more.

NPSO and the Oregon Flora Project/OregonFlora historically have—and continue to—work together to meet our organizations' shared mission: to gather and share information about the plants of our state. The passion and dedication to this work is seen throughout our team. Our current staff have a combined tenure of 88 years(!); many NPSO members active today helped to form the Friends of the Oregon Flora Project committee 24 years ago; hundreds of volunteers have contributed species lists, photographs, and untold hours of assistance to help create the OregonFlora resources.



Likewise, our collaborations have been instrumental in several NPSO publications: *Vascular Plants of Lane County Oregon: an Annotated Checklist*, *Urbanizing Flora of Portland, Oregon 1806-2008*, and numerous articles in *Kalmiopsis*. We look forward to future projects that will share our online resources: a new Rare Plant Guide, linked website tools, and ties to NPSO's iNaturalist activities.

Sharing the outcomes of OregonFlora with the public, and especially with NPSO membership, is one of the most rewarding examples of the relevancy of our work and our OregonFlora team is honored to do so. When asked of his impressions, reporter Dennis Peck said: “My takeaway after speaking with a handful of people connected to the Oregon Flora Project is pretty simple: I have never in my 40-plus years of journalism, met a more committed, enthusiastic, knowledgeable, caring (emphasis especially on caring) group of people. It was a privilege to speak to each and every one of them.”

We extend our thanks to NPSO members for their support and look forward to continuing a shared future that celebrates Oregon’s native plants!

Your financial support lets us continue to meet our mission. Donate now with an [online contribution](#), or by mailing a check made payable to Agricultural Research Foundation (include “OFP” on the memo line) to: Agricultural Research Foundation, 1600 SW Western Blvd, Suite 320, Corvallis, OR 97333. -Linda Hardison

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## Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you’ve discovered, or another subject related to Oregon’s flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO’s monthly *Bulletin*! Send contributions to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## Willamette Valley Chapter Scholarships Available to Oregon Students



Marvel Luzell, previous scholarship winner. Marvel graduated from Oregon State University last year with a degree in Botany.

Photo by Taylor Barron.

The Willamette Valley Chapter is offering \$1,000 scholarships for sophomores, juniors, and seniors enrolled at an Oregon college/university for the 2022-2023 school year and who are majoring in one of the following fields of study:

- botany;
- horticulture with a focus on native plants;
- any biological, environmental, or natural resource science with a botany emphasis or;
- any biological, environmental, or natural resource science combined with a demonstrated intent to pursue studies or a career in a plant-based field focused on or related to native plants (e.g. ecology, systematics, sustainable natural resource management, landscape architecture, conservation biology).

Half-time students are eligible.

A limited number of qualified applicants will be selected to receive \$1,000 from either the Augusta Rockafellar Memorial Scholarship Fund or the Jean Davis Memorial Scholarship Fund. Applications will be accepted by mail or electronically until **June 1**,

2022.

Applicants are required to submit:

- Name, address, email address, phone number, college/university name, and college/university address;
- A statement of academic and career intent, with a discussion of relevant coursework, extracurricular activities, and interests. The student's statement should show a demonstrated interest in native plants and the intent to pursue studies or careers related to native plants;
- One letter of reference from a person able to judge the student's ability to successfully complete study in the student's area of major study;
- Full collegiate academic record (transcript).

Applicants can send completed applications and documents by mail to:

John Savage  
Jean Davis and Augusta Rockefeller Scholarship Funds  
413 Belmont Street NE  
Salem, OR 97301

Or applicants can send completed applications and documents by email to:

[wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

For any questions about the scholarship, contact John Savage at 503-779-5414 or at [wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

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## State Notes

The next NPSO state board meeting will be Saturday, May 21st at 10:00 am via Zoom.

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## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President, Lisa Blackburn, at [blackburnlisag@gmail.com](mailto:blackburnlisag@gmail.com).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email

list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**Saturday, May 7th, 10:00 am - 12:00 pm**

**Field Trip: Woodpecker Loop Trail at Finley National Wildlife Refuge for Natural Areas Celebration Week.**

**Leader: Ester McEvoy**

Meet at the Woodpecker Loop parking lot (44.4123339, -123.3311692). We will do a gentle hike through woodlands and prairie habitats. We should be able to see *Calochortus tolmeii* in bloom and many other early spring flowers. For more information, contact Esther at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Monday, May 9th, 7:30 pm - 9:00 pm**

**In-person Meeting: Wildfire and Plants in the Sierra Nevada**

**Presenter: Harold Zald**

Come join the Corvallis Chapter for our first in-person meeting since March of 2020. The meeting will be held at Avery House Nature Center (1200 SW Avery Park Dr, Corvallis, OR 97333) in Avery Park. There is additional parking on SW Avery Park Road by the Lions Shelter).

Our speaker will be Dr. Harold Zald, Research Forester with the Forest Service Pacific Northwest Research Station. Harold is involved with vegetation monitoring and remote sensing. Harold's talk will address aspects of fire effects on vegetation in the Sierra Nevada of California. Masks are welcome but not required.

**Saturday, May 21st, 10:00 am to 12:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

Located at Avery House, Avery Park, Corvallis. We will work on spring clean-up and weeding. Please park in the parking lot at the park. Come prepared for the weather. Bring water, gloves, trowel or shovel, and energy. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

## **Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.nps/>.

**Wednesday, May 4th, 1:00 pm - 2:00 pm**

**Field Trip: Laurelwood Bog**

**Leader: Hugh Prichard**

The Laurelwood Bog is a native plant restoration project in its eleventh year, located on the northwest corner of Laurelwood Golf Course. Hugh Prichard, co-owner with the city of Eugene, has planted 147 species of native plants, many of which are in full bloom. Hugh has offered to lead us on a guided tour to explain the transformation from weedy hillside to native plant demonstration area. The best access for this tour is through the

front garden at 2671 Emerald Street, in Eugene. Please park on the street and walk down the circular gravel drive. We'll meet in the carport which also serves as an antique sign museum. Paths are well-barked; there is no need for waterproof boots but the ground can be uneven. Sign up [here](#).

**Sunday, May 15th, 10:00 am - 5:00 pm**

**Special Event: Mt. Pisgah Arboretum Wildflower Festival**

Festival activities include an expansive wildflower display inside the White Oak Pavilion, live music, guided nature walks by local naturalists, local food, arts and crafts vendors, and the Art in Nature Trail. Mt. Pisgah Arboretum is located at 34901 Frank Parrish Road, Eugene. Emerald Chapter is a co-sponsor of this festival. Tickets are available [here](#).

**Wednesday, May 18th, 5:00 pm - 7:30 pm**

**Field Trip: Dorris Ranch Weekday Walk**

**Leaders: Dave Predeek and Fraser McDonald**

Amble along the Willamette Middle Fork Trail for a short distance and then tour the replanted hazelnut orchards with Fraser McDonald of Willamalane Park and Recreation District. We will cover about three miles over relatively flat ground. Dress for the weather. Wear adequate walking shoes. Bring drinking water. No sign-up needed.

**Friday, May 20th, 7:30 pm - 9:30 pm**

**Zoom Program: Siskiyou Plant Communities**

**Presenter: Lauren Hallett**

Serpentine systems, like those found in the Klamath-Siskiyou of Southwest Oregon, host rich plant communities with a high degree of endemism. Lauren Hallett, assistant professor in the Institute of Ecology and Evolution at the University of Oregon, will discuss the unique management challenges facing serpentine ecosystems in the context of global change.

This talk is co-sponsored with Eugene Natural History Society. [ZOOM LINK](#).

**Saturday, May 21st, 1:00 pm - 2:00 pm**

**Field Trip: Museum of Natural and Cultural History Native Plant Garden**

**Leaders: Emerald Chapter Members**

The property surrounding this museum, on the University of Oregon campus, bears an excellent native plant garden that is little known to the community. In partnership with the museum, Emerald Chapter members will be leading this short walk in and around the museum's Glenn Starlin Native Plant Courtyard. With over forty species, the courtyard offers a rich array of plant life that have provided nutrition and material for tools, shelter, and more for millennia. This is the first of a monthly series of walks at this location. Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. The address is 1680 East 15th Avenue on the University of Oregon campus in Eugene. Sign-up is not needed, and the tour is free to NPSO members.

**Saturday, June 4th, 9:00 am - 5:00 pm**

**Field Trip: Konnie Memorial Park in Swisshome****Leader: Ed Alverson**

Konnie Memorial Park is in the heart of the Coast Range near Swisshome. This 145-acre park is located along the lower reaches of Lake Creek just above its confluence with the Siuslaw River. The park supports coastal rain forest communities as well as interesting habitats along rock outcrops and open riverbanks. Meet at South Eugene High School (parking lot corner of 19th and Patterson) at 9:00 am to carpool for this all day trip. Bring lunch and water and be prepared for off-trail walking. Sign up [here](#).

**Saturday, June 18th, 9:00 am - 12:00 pm****Field Trip: Coyote Prairie****Leader: Diane Steeck**

Visit the west Eugene wetlands in the height of bloom and look for rare birds and butterflies too. Diane was our speaker in February and highlighted many parks within city of Eugene limits. This is one of Diane's favorite wetland prairie restoration sites, and she's looking forward to sharing this special place with us. Meet at South Eugene High School parking lot (19th and Patterson) at 9:00 am to carpool. Wear hiking boots (clean - no weed seeds), and bring water, snacks and appropriate clothing for the weather. There is no trail at the site, so be prepared for uneven ground. We should be done with the trip by noon. Sign up [here](#).

**Saturday, June 25th, 9:00 am - 5:00 pm****Field Trip: Bristow Prairie****Leader: Tanya Harvey**

Bristow Prairie is an area of great diversity in the Calapooya Mountains. The little-used High Divide trail runs south through old-growth forest, meadows, and wetlands, and crosses a gorgeous south-facing rocky slope before reaching Bristow Prairie. The rocky slope is filled with colorful flowers in June and July. Depending upon the conditions and what is in bloom, we may follow the trail or we may start at the prairie and wander over to the rock garden area after looking at the multitude of interesting plants growing along the roadside. Meet at South Eugene High School parking lot (19th and Patterson) at 9:00 am to carpool. Bring lunch and water and be prepared for off-trail walking. For more information, including trip reports and a plant list, visit [this web site](#). Sign up [here](#).

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com).

**Saturday, May 21st, 9:30 am - 3:00 pm****Field Trip: Ochoco Scablands Field Trip****Leader: Jill Welborn, botanist, formerly with the Ochoco National Forest**

Visit the Ochoco scablands south of Big Summit Prairie for a trip featuring spring wildflowers and native plants. The scablands are a unique, shallow-soiled habitat that sport an array of colorful spring flowers and are home to rare, endemic plants such as

Henderson's needle grass and Ochoco lomatium.

Participants should bring lunch and sturdy shoes and be prepared for short hikes on rough, rocky ground and to encounter unpredictable spring weather conditions. Children and families welcome!

To sign up, send an email to [HighDesertNPSO@gmail.com](mailto:HighDesertNPSO@gmail.com) with "Ochoco Scablands" in the subject line. Exact meeting location will be provided after signing up.

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (currently inactive)**

For information on the Mid-Columbia Chapter, contact [mc\\_president@NPSOregon.org](mailto:mc_president@NPSOregon.org).

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at: <https://www.facebook.com/npsportland/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the **state Bulletin** and in *The Calochortus*.

### **Months of April and May**

**Event: Portland Chapter's iNaturalist NPSO PDX April/May 2022 Native Plant Appreciation Month Bioblitz!**

**Organizers: Lecia Schall and Dave Anderson**

What's a Bioblitz? It's an event that focuses on identifying as many species as possible in a specific area over a short period of time.

NPSO Portland Chapter presents its second annual iNaturalist Bioblitz as a **Native Plant Appreciation Month** opportunity to enjoy and protect Pacific Northwest natives. Help us document the existence and phenology (life stage) of native plants in the greater Portland area AND the Columbia River Gorge during the months of April and May. If you haven't already, please download the iNaturalist app, available for iPhone or Android, and at [iNaturalist](#).

Anyone can add observations. Look for "NPSO PDX Native Plant Appreciation Month April

2022 BioBlitz' under "Projects". After joining the project, just upload your observations to iNaturalist. They will automatically be included in our BioBlitz. Please help us by identifying observations by others, as well. We will collate observations and watch for rare or sensitive species.

<https://www.inaturalist.org/projects/portland-npso-may-2022-wildflower-bioblitz>

**Sunday, May 8th, 1:00 pm - 3:00 pm**

**Event: Mother's Day Family Event**

**Leader: Willow Elliott**

Join Portland Chapter president Willow Elliott in celebrating Mother's Day with a walk back in time across a historic property once owned by pioneer botanist Thomas Howell. We'll meet near the Bybee-Howell House, oldest home on Sauvie Island and then stroll through heritage apple trees, a white oak savannah, wetland, and meadows where we'll see the re-introduced golden paintbrush, *Castilleja levisecta*), and much more. Sauvie Island has the largest community of this rare paintbrush on the west coast. Bring a picnic to have after the walk! Registration is not necessary. Dogs are not permitted on Metro property or in cars. Meet at the arbor entrance to the Bybee-Howell House Pioneer Orchard, 13901 NW Howell Park Road, Sauvie Island, ten miles north of Portland off Highway 30.

**For more information or questions contact Willow at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com).**

**Thursday, May 12th, 7:00 pm - 8:30 pm**

**Program: In Search of the Wild Rhododendron**

**Presenters: Dave Andersen and Andrew Stern**

Dave and Andrew have been exploring the Cascades of northern Oregon and southern Washington in search of wild Rhododendrons since 2017. They have developed a particular interest in how these plants fared in areas affected by wildfire and have documented in photos and on iNaturalist how other plants, wildlife, and insects exist in association with these Rhododendron species.

Register in advance for this meeting:

<https://us06web.zoom.us/meeting/register/tZ0of-ivpjlsGNKfpNUjuNtoJWWkThP9lQ5k>

After registering, you will receive a confirmation email with a link to join the meeting. Save the email.

**Saturday, May 14th, 11:00 am - 3:00 pm**

**Field Trip: Native Plant Open Garden**

**Sponsor: Lynne Dutillo**

Join us at the Vancouver Washington home of NPSO member Lynne Dutillo whose unique garden hosts over 100 species of native plants. This *Plantzy Gardens and Designs* project features a mountain rock garden, meadowy low moist areas and hills, rain garden, bee pond, and prairie meadow. NPSO member Zak Weinstein, owner of *Plantzy*, will be there with other NPSO volunteers to answer questions. Come and learn some new native plant species and get inspiration for your own native garden project. For location and

directions, register at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com).

**Thursday, June 9th, 7:00 pm - 8:30 pm**

**Program: Good Fire: Revitalizing Indigenous Burning from the Salish Sea to the Sierra Nevada**

**Presenter: Chris Adlam**

Dr. Chris Adlam, Oregon State University Extension Fire Specialist for Southwest Oregon, will discuss efforts to restore the use of Indigenous cultural burning practices to prairies and forests of the West Coast. He helps communities live well with fire through a greater understanding of its ecological role and diverse management options.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZwtf-GorjstHN2AKmhL18YdUw4\\_fGokM3Du](https://us06web.zoom.us/meeting/register/tZwtf-GorjstHN2AKmhL18YdUw4_fGokM3Du)

After registering, you will receive a confirmation email with a link to join the meeting. SAVE IT.

## **Siskiyou**

To join the Siskiyou Chapter email list: Send an email, from the address at which you want to receive announcements, to: [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at: <https://www.youtube.com/channel/UCXFI2J9yp2AYmUzNz0jLISw>.

**Thursday May 5<sup>th</sup>, 3:00 pm - 5:30 pm**

**Field Trip: Pompadour Bluff Wildflower Walk**

**Leader: Kristi Mergenthaler**

The Harry & Marilyn Fisher Preserve at Pompadour Bluff located just outside of Ashland is a new Southern Oregon Land Conservancy preserve. This short hike is an opportunity to see the iconic bluff up-close with a focus on flower identification. Southern Oregon buttercup, endemic to Jackson County, should be in bloom. The group will join botanist Kristi Mergenthaler on a slow walk, steep and mostly off trail, through grassland and oak woodland to the top of the bluff and back down. This one-mile round-trip has an elevation gain of over 200 feet. The preserve is only open for special events like this one. Group size is limited to ten- carpooling is encouraged. For more info and to register for this free hike email [kristi@landconserve.org](mailto:kristi@landconserve.org).

## **Umpqua Valley**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## Willamette Valley

Saturday, May 7th, 1:00 pm - 2:00 pm

Sunday, May 8th, 10:00 am - 11:00 am and 12:00 pm - 1:00 pm

Field Trip: Silver Falls State Park

As part of the Silver Falls State Park Mother's Day Birding and Wildflower Festival, John Savage will lead three one-hour wildflower walks along the rim near the South Falls.

Meeting place for all walks is the South Falls Stone Circle. Free and open to the public.

Saturday, May 14th, 10:00 am - 1:00 pm

Field Trip: Kingston Prairie Preserve

Leaders: Willamette Valley Chapter of the NPSO

Join members of the Willamette Valley Chapter of the NPSO on an easy walk to view the blooming wildflowers at the Kingston Prairie Preserve southeast of Stayton. The 152-acre preserve is the best example of native prairie remaining in the Central Willamette Valley. Bring water, snack, and sturdy walking shoes. Registration is required. To register and for more information, please contact John Savage at [wvnps@gmail.com](mailto:wvnps@gmail.com).

## William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](https://www.facebook.com/NPSO-Filipendula-Chapter)

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)

- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché and Kareen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

June 2022 Volume 55, No. 5



Bitterroot (*Lewisia rediviva*)

Fort Rock, Oregon, June 14, 2011. Photo by Tanya Harvey.

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If you prefer to read a hard copy, click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. A PDF is also uploaded to the NPSO website - look for the link in the right-hand column.

If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list, visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

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## Members Seeking to Form South Coast Chapter

If you live in Coos or Curry county and are interested in helping to form a South Coast Chapter of NPSO, please contact Charmane Mitchell at [cmainie@gmail.com](mailto:cmainie@gmail.com) for more information.

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## Washington Native Plant Society *Eriogonum* Society 2022 Retreat

Join the Washington Native Plant Society and the *Eriogonum* Society at their Annual Retreat at Lazy F Camp, Ellensburg, Washington June 16 to June 19, 2022, and relive your happy summer camp days. Consort with beginner and world-renowned botanists at this beautiful, inexpensive camp located amid Washington's extensive "dry side" and ideal *Eriogonum* habitat.

- Exciting Field Trips
- Identification and Keying Class
- Knowledgeable Dinner Speakers

Accommodations include three meals per day starting with dinner on Thursday and

ending with lunch on Sunday. Sack lunches will be provided on field trip days. Accommodation for special dietary needs is no problem. Tent, RV camp, or stay in a motel style room. See [https://eriogonum.org/index.php?option=com\\_content&view=article&id=118&Itemid=127](https://eriogonum.org/index.php?option=com_content&view=article&id=118&Itemid=127) for details and to sign up.

Lazy F is a clean, well-maintained camp belonging to the Methodist Church and made available to other non-profit organizations. The camp is located in beautiful Manastash Canyon in the Cascade Mountains' rain shadow and is surrounded by ponderosa pine forests and shrub-steppe. Cell phone service is blocked by the canyon walls, but wi-fi is extensive and dependable. Please join us for this activity packed retreat and the possibility of visiting *Eriogonum codium*, one of the rarest plants on earth. People come from all over the North American continent to this meeting and describe it as “illuminating and spectacular.”

*Eriogonums*, commonly called buckwheats, are a genus of small flowering shrubs endemic to the arid and alpine regions of western North America. The Society promotes the scientific understanding of *Eriogonums* and works to protect rare and endangered members of the genus. The Society also enjoys and evaluates these plants in the wild and promotes their use in the garden by a seed exchange and sharing information on their cultivation.- *Courtesy of WNPS and the Eriogonum Society*

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## Native Orchid Conference Annual Symposium



# Introducing the Native Orchid Conference

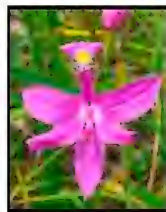
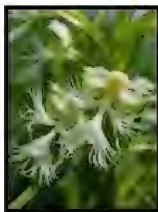
## WHO WE ARE

- a twenty plus year old organization with an active membership that spans North America from coast to coast
- diverse membership with backgrounds in architecture to zoology and everything in between



## WHAT WE DO

- maintain a dynamic network of native orchid enthusiasts
- support, promote and actively participate in conservation efforts
- collaborate with universities, Smithsonian Environmental Research Center & conservation groups to restore and preserve orchid habitat
- participate in ongoing scientific research
- maintain an internet forum
- publish a peer reviewed journal
- award grants to students engaged in native orchid research
- sponsor online presentations
- conduct an annual symposium at various venues across the continent



The Native Orchid Conference is holding their 2022 Symposium from June 24 to June 27, 2022 in Port Angeles, Washington. See their website at <https://www.nativeorchidconference.org> for information on the symposium.

The Native Orchid Conference has also announced its inaugural Native Orchid Photo Contest. There will be no fees, no prizes, no administrative hassle, and no pressure—simply an opportunity to share. A Native Orchid Conference committee will select an assortment of images to be published in an edition of the Native Orchid Conference Journal which will be devoted entirely to these photos. The Native Orchid Conference hopes the idea will catch on and evolve into a full-fledged contest complete with experienced judges, prizes, and additional publication opportunities. Watch for specifics

## Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org). Please get consent from any people included in your photo prior to sending it.



Camas (*Cammassia quamash*) white variant, Columbia Gorge. Photo by Chris Tanis, 2022.

## Oregon Mystery Plant

### Last month's mystery plant revealed:

Thanks to all who sent an identification for last month's mystery plant. Jill Kellogg and Gerald D. Carr correctly identified it as *Fillipendula occidentalis*, commonly known as queen of the forest. According to the *OregonFlora* website, this rhizomatous perennial is endemic to northwestern Oregon and southwestern Washington and is found on high elevation coast range peaks and coastal river systems. Kathleen Sayce recalls finding *F.*

*occidentalis* on Onion Peak: "I was walking with a group of ten or so people. I had just run through the list of rare species we were looking for, and there it was! Not five minutes later we also found a rare dragonfly, whose larvae live in seeps."



Photo by Kathleen Sayce.

## **New Mystery Plant**

### **Do you recognize this plant?**



Photo by Kathleen Sayce.

This month's mystery plant was photographed by Kathleen Sayce in 2017 at Saddle Mountain Natural Area in Clatsop County, Oregon.

Do you have an Oregon Mystery Plant to share?

Send it to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## OregonFlora

OregonFlora is developing a comprehensive resource about the plants of Oregon for nature enthusiasts, restorationists, land managers, scientists, and gardeners of all ages and levels of interest. The information within the three-volume *Flora of Oregon* books and the extensive database used to organize the information forms the foundation for our website, [oregonflora.org](http://oregonflora.org) and Oregon Wildflowers mobile app. These digital resources bring the beauty and diversity of Oregon's plant life to the public with thousands of photographs, interactive maps, and intuitive identification tools.

Your financial support allows us to keep providing free access of digital information to the public. Our program relies on competitive grants and donations from individuals and groups to fund all OregonFlora's direct operating expenses. The contributions people give of their time and financial resources are a critical part of our budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org).



Contributions can be made online at: [OregonFlora Donate](#) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.

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## Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor: [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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# Proposed Delisting of Nelson's Checker-Mallow

The proposed delisting of Nelson's checker-mallow (*Sidalcea nelsoniana*) was announced in the Federal Register on April 28, 2022. The announcement initiated a sixty-day public comment period on the proposed delisting. All relevant information received by June 27, 2022, will be considered. For more information, see the U.S. Fish and Wildlife press release:

[Prairie Plant Thrives with Collaborative Conservation, Proposed for Delisting from Endangered Species Act | U.S. Fish & Wildlife Service \(fws.gov\)](#). -U.S. Fish and Wildlife Service

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## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

**Saturday, June 25th, 9:00 am -11:00 am**

**Work Party: Native Plant Garden at McMinnville Public Library**

This is a perfect opportunity to get to know Yamhill County's native plants. The Native Plant Garden at McMinnville Public Library educates the public with nine ecological areas and signage. Bring gloves, bucket, and gardening tools if possible. For more information contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

The library is located at 225 NW Adams Street (corner of Highway 99W and SW Second Street), McMinnville, Oregon. The library parking lot may be entered from either Adams or Second Streets.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**Saturday, June 4th 10:00 am- end to be determined**

**Field trip: In search of *Delphinium pavonaceum*, a Willamette Valley Endemic.**

**Leader: Ester McEvoy**

We will meet at the parking lot of Wilkinson Hall (44.5692746, -123.2810976) on Oregon State University campus, across from the Monroe Beanery at 10:00 am. Bring water and

lunch. For more information, contact Esther at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).  
Information on *D. pavonaceum* can be found at: [OregonFlora Delphinium pavonaceum](#).

**Saturday June 11th, 9:00 am - approximately 4:00 pm**

**Field Trip: Horse Rock Ridge**

**Leader: Bruce Waugh**

Horse Rock Ridge is a three-mile round trip with 1,000 feet of elevation gain, but we won't go all the way to the end as there will be too much to see. The hike follows on old roadbed for seven-tenths of a mile and then opens into a meadow followed by steeper rocky balds with lots of cool flora. Trekking poles, water, and a packed lunch are recommended as it will be an all-day trip (about a two-hour hike at a "non-botanist" pace). More information and a plant list can be accessed through the NPSO website by going to Publications/Kalmiopsis/Volume 11/Horse Rock Ridge.

Meet at the Wilkinson Hall parking lot (44.5692746, -123.2810976) on the Oregon State University campus to carpool or 10:00 am at the Crawfordsville covered bridge (44.3576945, -122.8606008), in Crawfordsville, Oregon.

**Sunday, June 12th, 10:00 am to 12:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

Located at Avery House, Avery Park, Corvallis. Come help bark the paths, weed, and fix the fencing. Please park in the parking lot at the park. Come prepared for the weather. Bring water, gloves, trowel or shovel, and energy. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Saturday, June 18, 10:00 am - end time to be determined**

**Field Trip: Mary's Peak**

**Leaders: Phil Hays and Esther McEvoy**

We will hike approximately three miles round-trip from the campground at Mary's Peak to the summit of Mary's Peak. Come prepared for the weather and bring a lunch. Meet at the parking lot (44.5100076, -123.5607634) of the campground. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Saturday, June 25th, 8:00 am- late afternoon**

**Field Trip: Iron Mountain and Cone Peak**

**Leader: Dan Luoma**

We will hike the Iron Mountain-Cone Peak loop, identifying wildflowers in this botanical hotspot. Over 200 species of vascular plants have been recorded across this botanically rich trail west of Santiam Pass. *Wildflowers of the Western Cascades* (Ross and Chambers, 1988) focuses on the flora of this area. A delightful post about the area by Tanya Harvey can be read here: <https://westerncascades.com/2019/06/18/a-rainbow-of-colors-at-cone-peak-and-iron-mountain/>. Tanya's plant list is here: <https://westerncascades.com/wp-content/uploads/2010/03/Iron-Mountain-Cone-Peak.pdf>

The loop is about five miles through moderately difficult terrain and will take all day

since we will walk slowly looking at all the flowers. There is about a 1,000-foot elevation gain, mostly in the first one-third of the hike. Bring a lunch and water, dress for the weather, and wear sturdy shoes.

Meet at the Oregon State University Wilkinson Hall parking lot (44.5692746, -123.2810976) southwest of the Beanery at 26th and Monroe. Vaccinations or masks required for carpooling. For more information and to RSVP, contact Dan: 541-752-8860 or [luomad@fsl.orst.edu](mailto:luomad@fsl.orst.edu).

## **Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

**Saturday, June 4th, 9:00 am - 5:00 pm**

**Field Trip: Konnie Memorial Park in Swisshome**

**Leader: Ed Alverson**

Konnie Memorial Park is in the heart of the Coast Range near Swisshome. This 145-acre park is located along the lower reaches of Lake Creek just above its confluence with the Siuslaw River. The park supports coastal rain forest communities as well as interesting habitats along rock outcrops and open riverbanks. Meet at South Eugene High School (parking lot corner of 19th and Patterson) at 9:00 am to carpool for this all day trip. Bring lunch and water and be prepared for off-trail walking. Sign up [here](#).

**Saturday, June 18th, 9:00 am - 12:00 pm**

**Field Trip: Coyote Prairie**

**Leader: Diane Steeck**

Visit the west Eugene wetlands in the height of bloom and also look for rare birds and butterflies. Diane was our speaker in February and highlighted many parks within the city of Eugene limits. This is one of Diane's favorite wetland prairie restoration sites, and she's looking forward to sharing this special place with us. Meet at South Eugene High School parking lot (19th and Patterson) at 9:00 am to carpool. Wear hiking boots (clean - no weed seeds), and bring water, snacks, and appropriate clothing for the weather. There is no trail at the site, so be prepared for uneven ground. We should be done with the trip by noon. Sign up [here](#).

**Saturday, June 25th, 9:00 am - 5:00 pm**

**Field Trip: Bristow Prairie**

**Leader: Tanya Harvey**

Bristow Prairie is an area of great diversity in the Calapooya Mountains. The little-used High Divide trail runs south through old-growth forest, meadows, and wetlands, and crosses a gorgeous south-facing rocky slope before reaching Bristow Prairie. The rocky slope is filled with colorful flowers in June and July. Depending upon the conditions and what is in bloom, we may follow the trail, or we may start at the prairie and wander over

to the rock garden area after looking at the multitude of interesting plants growing along the roadside. Meet at South Eugene High School parking lot (19th and Patterson) at 9:00 am to carpool. Bring lunch and water and be prepared for off-trail walking. For more information, including trip reports and a plant list, visit [this web site](#). Sign up [here](#).

**Saturday, July 16th, 9:00 am - 5:00 pm**

**Field Trip: Blair Lake**

**Leader: Jennifer Lippert**

This is a beautiful area to see multiple habitats and high species diversity in an approximately two and one half mile round-trip hike. We'll focus on the large meadow complex that surrounds the lake but may climb up the trail for views and additional species if we have time. Meet at South Eugene High School parking lot (19th and Patterson) at 9:00 am to carpool. Bring lunch, water, hiking boots, sunscreen, and hat. Sign up [here](#).

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com). The new field trip coordinator is High Desert Chapter Vice President Jenifer Ferriel.

**Thursday, June 14th, 8:30 am - 5:30 pm**

**Field Trip: High Desert Chapter NPSO Field Trip to the Juniper Hills Preserve of The Nature Conservancy in Crook County**

**Leader: Stu Garrett**

In 1998, The Oregon Chapter of The Nature Conservancy acquired this 14,000-acre preserve east of Post, Oregon along the Crooked River when it purchased the Alaska-Pacific Ranch. The preserve protects native grasslands, ponderosa pine forests, and juniper woodlands. It has a fascinating geologic history that includes the ancient ecosystems and fossils of the John Day and Clarno times. More recently it was the scene of the Lost Meek Wagon Train in 1845. Wildflowers should be great. We will explore this fascinating history and enjoy the native wildflower display on a four-mile hike (two two-mile hikes to different areas of the Preserve) on relatively level ground. Bring a beverage and lunch to eat on the hike. The trip is limited to ten people.

We will carpool from the east parking lot (near the toilets) of the Pilot Butte State Park on NE Linnea Drive (off U.S. Highway 20), Bend, Oregon. Please arrive a few minutes before 8:30 am to form carpools. We will return to the parking lot by 5:30 pm. Be sure your car's gas tank is full. Bring plenty of water, a sack lunch, a day pack, and sturdy shoes/boots. Dress for the weather. Consider bringing layered clothing, sunscreen, cameras, binoculars, etc. Please- no smoking, no picking or collecting of plants, and no pets. Remember, you participate at your own risk. On trips where participant numbers are limited as on this one, preference will be given to NPSO members. Contact Stu Garrett for sign-up: [garrett@bendcable.com](mailto:garrett@bendcable.com).

**Saturday, June 25th, 9:00 am - 3:00 pm**

**Event: Sunriver Nature Center and Observatory Wildflower Show and Pollinator**

## **Festival**

This festival will have a wildflower display showcasing hundreds of native wildflowers, botanic garden tours, educational talks and demonstrations, children's activities and crafts, native plants for sale, and educational stations and resources.

The High Desert Chapter will be assisting the Sunriver Nature Center and Observatory with gathering and identifying wildflowers and will attend the show to answer questions about flowers and the NPSO. The Sunriver Nature Center and Observatory is located at 57245 River Road, Sunriver, Oregon.

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (closed)**

After being inactive for several years, in April 2022 the remaining members of the Mid-Columbia chapter voted unanimously to close the chapter. Members will now be affiliated with the Portland chapter.

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder, or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at: <https://www.facebook.com/npsopdxchapter>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

The Portland Chapter does not host Zoom Programs in July and August. Check the September Bulletin for the September 13th Program information and link to register.

**Thursday, June 9th, 7:00 pm - 8:30 pm**

**Program: Good Fire: Revitalizing Indigenous Burning from the Salish Sea to the Sierra Nevada**

**Presenter: Chris Adlam**

Dr. Chris Adlam, Regional Fire Specialist for Southwestern Oregon State University Forestry and Natural Resources Extension Program, will discuss efforts to restore the use of Indigenous cultural burning practices to prairies and forests of the West Coast. He helps communities live well with fire through a greater understanding of its ecological

role and diverse management options. His work with tribes in California and Oregon earned him a doctorate on the subject.

Register in advance for this meeting:

[https://us06web.zoom.us/meeting/register/tZwtf-GorjstHN2AKmhL18YdUw4\\_fGokM3Du](https://us06web.zoom.us/meeting/register/tZwtf-GorjstHN2AKmhL18YdUw4_fGokM3Du)

After registering, you will receive a confirmation email with a link to join the meeting. SAVE IT.

**Sunday, July 24th, 11:00 am - 6:00 pm**

**Event: Members and Friends Potluck Picnic**

We're delighted to announce another NPSO Picnic after a two-year pause! The picnic will be located at: Mary S. Young Park, Main Picnic Shelter, 19900 Willamette Drive (Hwy. 43 near Interstate-205), West Linn, Oregon.

Join us at this 128-acre forested park on the Willamette River, loved for its shady trails, river access, and abundant native plants. You'll find room to play on the sports fields, a kids' playground, and parking and restrooms near the picnic shelter. A fenced, off-leash area is available for dogs. One leashed dog per family is welcome. The Chapter will provide dessert and beverages. Please bring main and side dishes of your choice. Volunteers are needed for planning and on the day of the event. Contact us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) to volunteer.

## **Siskiyou**

To join the Siskiyou Chapter email list, send an email, from the address at which you want to receive announcements, to: [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at: <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at: <https://www.youtube.com/channel/UCXFI2J9yp2AYmUzNzQjLLSw>.

**Program/Meeting:** The next Siskiyou Chapter meeting will be in September. Programs run from September through May.

**Sunday, June 18th, 10:00 am - 3:00 pm**

**Field Trip: Serpentine Biodiversity of Bolt Mountain**

**Leader: Katelyn Detweiler**

Hike up the ancient peridotite of Bolt Mountain as we look for spring wildflowers. The trail rises on a steady slope, three and one-half miles each direction. We will travel through Jeffery pine, buckbrush, and manzanita mixed forest to open grassy slopes, and eventually through oak and madrone before reaching the rocky serpentine summit. The top boasts views of the Siskiyou Mountains, east to Grants Pass, and south over the Applegate to Mount Ashland. Meet at 10:00 am at the entrance to Fish Hatchery Park. There is a \$5.00 entrance fee to park at the trailhead. For further information or to RSVP,

contact the field trip coordinator at [Detweiler.katelyn@gmail.com](mailto:Detweiler.katelyn@gmail.com) or 215-872-6365.

## **WILDFLOWER SHOW RETURNS!**

### **July 4th Wildflower Show Volunteers Needed**

The Siskiyou Chapter is seeking volunteers to help with our wildflower show in Ashland, Oregon. On July 3rd, we are seeking plant collectors (morning to afternoon) and help with set-up and plant identification (late afternoon to evening). Evening helpers will be rewarded with pizza and beverages. We're also seeking volunteers to staff the free community show and help with break-down during the wildflower show on July 4th. For more information or to sign up to volunteer, please contact Pete at [petegonzalves@gmail.com](mailto:petegonzalves@gmail.com).

**Monday, July 4th, 10:00 am - 4:00 pm**

**Event: Irene Hollenbeck Memorial Wildflower Show**

This Wildflower Show in Ashland features over 300 species of native wildflowers from the volcanic Cascades, the much older Siskiyou Mountains, and the valleys in between. Free admission. The Wildflower Show is located at Pioneer Hall, 73 Winburn Way, Ashland, Oregon (a new location across from Lithia Park in Ashland). Coordinated by the Siskiyou Chapter, NPSO. Come meet some of our beautiful mountain flowers!

## **Umpqua Valley**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## **Willamette Valley**

**Friday, June 10, 9:00 am - 12:30 pm**

**Field Trip: Kingston Prairie Preserve**

**Leaders: Willamette Valley Chapter Members**

Join members of the Willamette Valley Chapter of the NPSO on an easy walk to view the blooming wildflowers at the Kingston Prairie Preserve southeast of Stayton. The 152-acre preserve is the best example of native prairie remaining in the Central Willamette Valley. Bring water, snack, and sturdy walking shoes. Registration is required. To register and for more information, please contact John Savage at [wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

## **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and [Grants](#): [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: [Cindy Roché](#) and [Kareen Sturgeon](#)
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

July 2022 Volume 55, No. 6



Mountain lady slipper (*Cypripedium montanum*)

Ochoco Mountains, Oregon, 2015. Photo by Chuck Hedges.

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If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list, visit
<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

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## Members Seeking to Form South Coast Chapter

If you live in Coos or Curry county and are interested in helping to form a South Coast Chapter of NPSO, please contact Charmane Mitchell at [cmainie@gmail.com](mailto:cmainie@gmail.com) for more information.

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## Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org). Please get consent from any people included in your photo prior to sending it.



White-flowered azalea (*Rhododendron albiflorum*). July 22, 2019. Cathedral Ridge, Mount Hood, Hood River County. Elevation about 4500 feet above sea level. Photo by David Anderson.

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## Oregon Mystery Plant

### Last month's mystery plant revealed:

The June Mystery Plant was a familiar one to many and generated some interesting discussion! Ken Chambers, Phil Hays, Bruce Waugh, Daniel Mathews, Frank Callahan, Dave Dobak, and Gerald D. Carr all correctly identified it as *Cladothamnus pyroliflorus* (*Elliottia pyroliflora*), known commonly as copper bush. According to the *OregonFlora* website, this shrub, which is in the family Ericaceae, is found in montane coniferous forests in Oregon, Washington, and Alaska. It is relatively rare in Oregon, known only from the Coast Range in the northwestern corner of the state.

Ken Chambers, author of "Floristic Relationships of Onion Peak with Saddle Mountain, Clatsop County, Oregon" (*Madrono* 22: 105-114, 1973), commented that copper bush is also found on Onion Peak, the site of our June 2022 Mystery Plant. He pointed out there has been an attempt to tie *Cladothamnus* to the morphologically quite different Eastern U.S. genus *Elliottia*, relying simply on DNA evidence.

Ken said: "In the treatment of Ericaceae in *Flora of Oregon*, Volume II, *Cladothamnus* is recognized as a genus distinct from *Elliottia* and *Tripetaleia*, but in some other books, the three genera are lumped under the oldest name *Elliottia*. If you lay specimens of *Cladothamnus* and *Elliottia* side by side, you'd never guess they were related, the inflorescences are so different. There is a third member of this generic triplet, *Tripetaleia*, in Eastern Asia, proving that their evolutionary divergence goes back at least to the Miocene Epoch, 5+ million years ago."

Dave Dobak referred to copper bush as a “taxonomic nomad,” citing its various scientific names over time and place: *Elliottia pyroliflora*, *Cladothamnus pyroliflorus*, and *Leiophyllum pyroliflorum*, as well as its taxonomic relationships to *Elliottia* and *Tripetaleia*.

Thanks again to Kathleen Sayce for sharing her beautiful photos for our June and July Mystery Plants.



Photo by Kathleen Sayce.

## New Mystery Plant

Do you recognize this plant?



This month's mystery plant was photographed by Frank Howarth in May 2022 in a ponderosa pine forest in north-central Oregon.

Do you have an Oregon Mystery Plant to share?

Send it to the editor at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## OregonFlora

OregonFlora is developing a comprehensive resource about the plants of Oregon for nature enthusiasts, restorationists, land managers, scientists, and gardeners of all ages and levels of interest. The information within the three-volume *Flora of Oregon* books and the extensive database used to organize the information forms the foundation for our website, [oregonflora.org](http://oregonflora.org) and Oregon Wildflowers mobile app. These digital resources bring the beauty and diversity of Oregon's plant life to the public with thousands of photographs, interactive maps, and intuitive identification tools.

Your financial support allows us to keep providing free access of digital information to the public. Our program relies on competitive grants and donations from individuals and groups to fund all OregonFlora's direct operating expenses. The contributions people give of their time and financial resources are a critical part of our budget. If you would like to be a part of the team that keeps OregonFlora progressing, please contact us at [ofpflora@oregonflora.org](mailto:ofpflora@oregonflora.org).



Contributions can be made online at [OregonFlora Donate](https://oregonflora.org/donate) or mailed directly to: Agricultural Research Foundation, 1600 SW Western Blvd. Ste. 320, Corvallis, OR 97333. Please make checks payable to the Agricultural Research Foundation and include "OFP" on the memo line.

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## Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your

knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

**Saturday, July 23rd, 9:00 am -11:00 am**

**Work Party: Native Plant Garden at McMinnville Public Library**

This is a perfect opportunity to get to know Yamhill County's native plants with help from our new green plant markers and conversation with the garden crew. The Native Plant Garden at McMinnville Public Library educates the public with nine ecological areas and signage. Bring gloves, bucket, and gardening tools if possible. For more information, contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

The library is located at 225 NW Adams Street (corner of Highway 99W and SW Second Street), McMinnville, Oregon. The library parking lot may be entered from either Adams or Second Streets.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at [facebook.com/CorvallisNPSO](https://facebook.com/CorvallisNPSO).

**Saturday, July 9th, 9:00 am - 12:00 pm**

**Field Trip: Herbert Farm in Corvallis**

**Leader: Ester McEvoy**

We will walk about and check out the native plant plantings in the park. Meet at the Wilkinson parking lot at 9:00 am and bring water and a hat. For more information, contact Esther at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org)

**Saturday, July 16th, 9:00 am - afternoon**

**Field Trip: Mary's Peak**

**Leaders: Ester McEvoy and Phil Hays**

Return to Mary's Peak to catch the summer flowers in bloom. We will retrace our steps from the June field trip to see what flowers are now in bloom. Meet at Wilkinson parking lot at 9:00 am. Contact Esther at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org) if you plan to come on the fieldtrip.

**Tuesday, July 26th, 9:00 am - afternoon**

**Field Trip: Fairview Peak**

**Leaders: Bruce Waugh and Dan Luoma**

Meet at 9:00 am at the Wilkinson parking lot across from the Beanery. From the parking lot, the drive to the top of Fairview Peak is forty miles.

As an ecotone that connects western and southern Oregon floras, Fairview Peak has some of the most diverse botanizing in the central Cascades, all accessible by car. This trip will sample the variety by making a series of stops with short walks along the road on the way to the nearly 6,000-foot summit. Only experienced drivers in high clearance vehicles (such as a Subaru Forester or similar) in good condition should attempt this rough, steep, and occasionally scary one lane road. Due to very limited parking, carpooling will be required.

The rewards for the risk are a beautiful drive up the Brice Creek drainage, a stop in the forest on the way up to look for achlorophyllous plants, stunning meadows and rock gardens near the top with a flora that includes east side and southern species, and views from Mt. Hood to Mt. McLoughlin on a clear day. A plant list is available at [https://:westerncascades.com](https://westerncascades.com). Go to Sites, Lane County, and then Fairview Peak and Bohemia Mountain. It is an all-day trip so bring lunch, water, and sunscreen.

**Saturday, July 30th, 9:00 am - 12:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

**Leader: Esther McEvoy**

Located at Avery House, Avery Park, Corvallis. We need help to finish barking the paths and weed beds. Bring water, gloves, trowel, and energy. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

## **Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

**Thursday, July 14th, 5:30 pm - 7:00 pm**

**Event: Emerald Chapter Summer Picnic**

Come join the Emerald Chapter Board in a summer get-together to visit with friends and brainstorm ideas for presentations and field trips in the 2022-2023 season. We'll meet in the grassy area just south of where we meet for meetings at the Amazon Community Center (where they do Shakespeare in the Park). Bring a picnic dinner. The chapter will provide dessert from Sweet Life. Sign up [here](#) by July 12.

**Saturday, July 16th, 9:00 am - 5:00 pm**

**Field Trip: Blair Lake**

**Leader: Jennifer Lippert**

This is a beautiful area to see multiple habitats and high species diversity in an approximately two-and-a-half-mile round-trip hike. We'll focus on the large meadow complex that surrounds the lake but may climb up the trail for views and additional species if we have time. Meet at South Eugene High School parking lot (19th and Patterson) at 9:00 am to carpool. Bring lunch, water, hiking boots, sunscreen, and hat. Sign up [here](#).

**Saturday, August 6th, 8:00 am - 7:00 pm**

**Field Trip: Oregon Dunes Restoration**

**Leaders: Armand Rebishke and Dina Pavlis**

Hike the John Dellenback Trail and see what the Siuslaw National Forest is up to with dunes restoration. This area is a “preserve the best” unit, meaning it has an abundance of native dunes plants - adapted to open sand conditions reminiscent of historic dunes conditions before the planting and expansion of European beachgrass, brooms, and other invasive species. We'll see seashore bluegrass, sand fescue, and bearberry plant associations among other native dunes species. The sand boundary was treated during late summer 2020 by cutting and wiping Scotch broom, spraying European beachgrass, and cutting small shorepines. Meet at South Eugene High School (19th and Patterson Street) at 8:00 am to carpool or at Dellenback Trail parking lot (just south of Eel Creek Campground, ~ eleven miles south of Highway 101 and Highway 38 junctions in Reedsport) at 10:30 am. The hike will be approximately three miles round trip (it is an out and back trail). Sand dunes hiking can be strenuous, windy, and chilly. Bring water, lunch, and sun coverage. Sign up [here](#).

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnpso@gmail.com](mailto:highdesertnpso@gmail.com). The new field trip coordinator is High Desert Chapter Vice President Jenifer Ferriel.

**July (the exact date will be chosen to coincide with the flowering time of species of interest)**

**Field Trip: Little Cultus Fen**

**Leader: Jill Kellogg**

We'll be bushwhacking in and around the fen, watching our step to avoid the special plants we will encounter. Boots for wading are needed. Expect mosquitoes!

The last bit of the drive to the fen is on unpaved roads that are rough at times. The average car can drive it but will benefit by driving slowly. Send an email to [highdesertnpso@gmail.com](mailto:highdesertnpso@gmail.com) with “Little Cultus Fen” in the subject line to indicate your interest. Details will be available when the date is set.

**July (the exact date will be chosen to coincide with the flowering time of species of interest)**

**Field Trip: Ponderosa Pine Forest Lava Flow**

**Leader: Jill Kellogg**

We will explore an open ponderosa forest located east of the Cascades and west of the high desert. Hidden in this forest is a lava flow, at least three species of *Penstemon*, and a few unexpected gems. Total walking distance will be approximately one mile, but there are no trails. Sturdy shoes, and perhaps a walking stick, are advised. Send an email to [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com) with “pondo forest lava flow” in the subject line to indicate your interest. Details will be available when the date is set.

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (closed)**

After being inactive for several years, in April 2022 the remaining members of the Mid-Columbia chapter voted unanimously to close the chapter. Members will now be affiliated with the Portland chapter.

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder, or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <https://www.facebook.com/nps.portland/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

The Portland Chapter does not host Zoom Programs in July and August. Check the September Bulletin for the September 13th Program information and link to register.

**Sunday, July 24th, 12:00 pm - 4:00 pm**

**Event: Members Potluck Picnic at Mary S. Young Park, City of West Linn**

Join NPSO members, friends, and family at this shady retreat on the Willamette River for feasting and fellowship. Bring a main dish, side dish, or salad and your own beverages, plates, and utensils. We'll provide dessert. Enjoy a guided plant walk, a pollinator garden, and an opportunity to purchase NPSO T-shirts, bandanas, and copies of Russ Jolley's field guide, *Wildflowers of the Columbia River Gorge*, at a price you'll appreciate. Meet at the large picnic shelter near the restrooms off the main (paved) parking lot. Mary S. Young Park, 19900 Willamette Drive, West Linn 97068 (State Highway 43). Please RSVP with the number of adults and children in your group at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com).

**Thursday, September 8th, 7:00 pm - 8:30 pm**  
**Program: Flowers of Iron Mountain and Cone Peak**  
**Presenter: Don Jacobson**

Don Jacobson is a former electrical engineer turned glass blower who turned to photography as a creative outlet. As a decades-long member of the Portland Chapter, he has always shared his passion for capturing the light and beauty of native plants in their natural habitats using special effects he's developed over the years. He has been awarded first prize in numerous professional photo contests, been featured on magazine covers, and has contributed to wall calendars for the Audubon Society and the Portland Japanese Garden. His photos have been published in at least five books.

Register in advance for this meeting:

<https://us06web.zoom.us/meeting/register/tZYlfuGqpwjG9fsUwqjDnYdwrV7rM4D6P7V>

After registering, you will receive a confirmation email with a link to join the meeting. Save it!

### **July, All Month**

#### **Event: iNaturalist July Bioblitz - Alpine Flowers**

July is Alpine Wildflower Month. This year we want to track all the species we find on our alpine hikes (See The Calochortus Summer Edition). Post your observations with: 1. A full frame photo focusing on the flower. 2. A second photo of the leaf arrangement. If you know the elevation, add it to the notes along with habitat type and companion plants.

Let's see how many alpine wildflowers we can find! Click to join the project.

<https://www.inaturalist.org/projects/portland-nps-july-2022-alpine-wildflower-bioblitz?tab=about>

## **Siskiyou**

To join the Siskiyou Chapter email list, send an email, from the address at which you want to receive announcements, to [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at <https://www.youtube.com/channel/UCXF12J9yp2AYmUzNz0jLLSw>.

**Program/Meeting:** The next Siskiyou Chapter meeting will be in September. Programs run from September through May.

**Sunday, July 10th, 10:00 am - 2:00 pm**

**Hike: Looking and Learning- A Pollinator Adventure on Mt. Ashland- Pollinator Project Rogue Valley and Siskiyou Chapter, NPSO**

**Guides: Travis Owen and Katelyn Detweiler**

Join us for a hike on Mt. Ashland to explore pollination ecology and the role of pollinators in the environment. Our focus will be on pollinators with an emphasis on bees and the flowers they depend on. We will also observe other wildlife and the ecosystem they all share, since none of them live in a vacuum. The hike is limited to 12 adults. Further information on the hike will be provided with registration. To register: <https://www.eventbrite.com/e/looking-learning-a-pollinator-adventure-on-mt-ashland-tickets-356482768557>.

## **WILDFLOWER SHOW RETURNS!**

### **July 4th Wildflower Show Volunteers Needed**

The Siskiyou Chapter is seeking volunteers to help with our wildflower show in Ashland, Oregon. On July 3rd, we are seeking plant collectors (morning to afternoon) and help with set-up and plant identification (late afternoon to evening). Evening helpers will be rewarded with pizza and beverages. We're also seeking volunteers to staff the free community show and help with break-down at 4:00 pm during the wildflower show on July 4th. For more information or to sign up to volunteer, please contact Pete at [petegonzalves@gmail.com](mailto:petegonzalves@gmail.com).

**Monday, July 4th, 10:00 am - 4:00 pm**

**Event: Irene Hollenbeck Memorial Wildflower Show**

This Wildflower Show in Ashland features over 300 species of native wildflowers from the volcanic Cascades, the much older Siskiyou Mountains, and the valleys in between. Free admission. The Wildflower Show is located at Pioneer Hall, 73 Winburn Way, Ashland, Oregon (a new location across from Lithia Park in Ashland). Coordinated by the Siskiyou Chapter, NPSO. Come meet some of our beautiful mountain flowers!

## **Umpqua Valley.**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## **Willamette Valley**

**Friday, July 22nd, 9:00 am - 1:00 pm**

**Field Trip: Silver Falls State Park**

**Leader: Matt Palmquist**

Join Park Ranger Matt Palmquist for a two-hour meander through a dry meadow at Silver Falls State Park's Davidson Ranch. The meadow, a unique ecosystem within the park, is home to king's scepter gentian, dwarf bilberry, quaking aspen, and other native plants, and is a breeding ground for swallows and western bluebirds. Bring water, lunch, snacks, and appropriate foot gear. To register and for more information, please contact John Savage at [wvnpsso@gmail.com](mailto:wvnpsso@gmail.com).

## **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: Vacant
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

August/September 2022 Volume 55, No.7



Red columbine (*Aquilegia formosa*)

Ochoco Mountains, Oregon, July 2022. Photo by Gayle Streier.

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**SAVE THE DATE!**  
NPSO Annual Meeting  
June 2-4, 2023  
Eugene, Oregon  
Hosted by the Emerald Chapter  
Banquet Night: Saturday Evening, June 3, 2023

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If you prefer to read a hard copy, click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. A PDF is also uploaded to the NPSO website - look for the link in the right-hand column.

If you have any questions, please contact us at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org).

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To subscribe to the NPSO email discussion list, visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

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## Cheahmill Chapter Enjoyment, Conservation, and Study

*Editor's note: The Cheahmill Chapter of the NPSO was founded in 1998 and has a history of collaboration with local governments to develop and maintain native plant landscapes. Their work was featured in the June-July 2022 McMinnville Community Advantage Magazine with an article titled "Enjoyment, Conservation and Study," by David Bates, Contributing Writer. Thanks to Michal Wert and Kareen Sturgeon from the*

*Cheahmill Chapter for sharing the article with the Bulletin. The following is excerpted from the article:*

Like many organizations, the Cheahmill Chapter met virtually the last couple of years, but they expect to ease back into in-person meetings in the fall. Along with hosting speakers and educational workshops, the group has held an annual wildflower show and a native plant sale.

But work parties outdoors continue, and there's a lot to do!

If you've ever visited or driven by the McMinnville Public Library on Adams Street, you can see the fruits of their labor. The Native Plant Garden that surrounds the Carnegie Building on Adams Street predates the NPSO chapter, but since 1999 the chapter has maintained the now eleven-bed garden.



Vine maple offers stunning fall color in the Native Plant Garden at McMinnville Public Library.

Photo by Susan Williams.

It's a beautiful showcase for plants that can easily be used in domestic landscaping in a variety of micro ecological niches, from full sun to complete shade. The gardens here include nearly eighty species, including Pacific yew, incense-cedar, wild ginger, ocean spray, and pink and white fawn lilies.

A similarly ambitious project can be found on Lafayette Avenue at the Yamhill County Public Works Department. When the new facilities were built a few years ago, Cheahmill volunteers Michal Wert, Rob Tracey, Dave Hanson, and Jeanie Taylor worked with county staff on a plan for twelve garden beds around the new building and in the parking lot.

In all, nearly 4,000 plants representing nearly seventy species were sourced from Oregon nurseries and planted on the property, which includes a large wet prairie garden that collects runoff from half the parking lot and a demonstration garden at the entrance.

But volunteers also get out of town, working in parks that are tucked into the hills and woodlands. Deer Creek Park west of McMinnville, for example, is the crown jewel of local NPSO efforts.



Fender's blue butterfly (endangered species) on Kincaid's lupine plant (threatened species) at Deer Creek Park. Photo by Amie Loop-Frison.

Thanks to restoration of thirty acres of upland and wet prairies, beaver ponds, and riparian habitat, it is the most biologically diverse park in the county. You can learn all about it by visiting because their work has included installing interpretive signs that describe the area's rich history. -Text reprinted courtesy of David Bates and Active Media, USA

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# Native Orchid Conference Orchid Photo Contest



The discovery of a native orchid in the wild can be exhilarating. This is your chance to share the joy!

As promised, the first Native Orchid Conference photo contest was discussed at the Olympic Peninsula Symposium, and it generated great enthusiasm. The first entries have already been received. Don't miss your chance to participate- share your photos now. Here are the details:

**Eligibility:** Anyone may participate (Native Orchid Conference membership not required) in either the Adult or Youth (grade 12 or lower when photo was taken) division.

**Timing:** Submissions accepted immediately through November 15, 2022.

**How to submit:** E-mail up to three images to [nocphotos2022@gmail.com](mailto:nocphotos2022@gmail.com).

**Entry criteria:**

- Image must be of native orchids (species or natural hybrids) in their natural habitat.
- Image may be a single flower, a full or partial inflorescence, multiple plants, a habitat overview, or a close-up of flower features.
- Image must have been taken in the U.S. or Canada.
- Do not include props or artificial backgrounds.
- Include photographer's name, contact information, and name of orchid(s). Also identify the image and specify if the photographer is an adult or youth.
- Delete metadata or any reference to specific location of plants.
- If image was previously published, provide details.
- Only basic adjustments permitted (flowers should appear as seen in nature).
- Images should be JPEG format and no larger than 8MB.

**Selection for publication:** Entries will be evaluated based on adherence to the above criteria, composition and esthetics, correct plant identification, and educational or

conservation relevance.

**Recognition:** Selected entries will be featured in an exclusive edition of the *Native Orchid Conference Journal*. Images remain the property of the photographer who retains copyright privileges. Photographers will be contacted and given an opportunity to provide anecdotal information about their entries which will be included in the *Journal*.

**Special award** - Three entries from each age group will earn the photographers a one-year, free membership in the Native Orchid Conference. - *Reprinted courtesy of the Native Orchid Conference.*



## Siskiyou Field Institute Botanical Courses



View from Table Rock, Oregon. July 11, 2022. Photo by Alice Jones.

The Siskiyou Field Institute has upcoming field courses on plants and botany. Learn to use proper Latin names and create pressed specimens for your collection in "Learn to Love those Latin Names," improve your botanical illustration skills, or learn about useful edible and medicinal species native to southern Oregon. Details and registration for each

course can be found here: <https://siskiyoufieldinstitute.org/product-category/adult-education/field-courses/>.

-Christine Lazina, Adventure Learning Coordinator, Siskiyou Field Institute

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## Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org). Please get consent from any people included in your photo prior to sending it.



English sundew (*Drosera anglica*). July 12, 2022. Fen near Little Cultus Lake, Many Lakes Research Natural Area, Oregon. Photo by Jill Kellog.



English sundew (*Drosera anglica*) flower. July 12, 2022. Fen near Little Cultus Lake, Many Lakes Research Natural Area, Oregon. Photo by Jill Kellog.

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Brown's peony (*Paeonia brownii*) in bloom. May 9, 2021. Camp Sherman. On Metolius River near Smiling River Campground, Oregon. Photo by Paul Block.



Showy milkweed (*Asclepias speciosa*) with swallowtail butterfly. Fireweed (*Chamaenerion angustifolium*) in background. July 10, 2022. Marina Longden's garden in McMinnville, Oregon.

Photo by Marina Longden.

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## Oregon Mystery Plant

### Last month's mystery plant revealed:

The July Mystery Plant is a much-loved "east-side" plant, but it was no mystery to our readers! Heather Wheeler, Henny Chambers, Frank Callahan, Nancy Betty Baumeister, Luan Pinson, Carolyn Wright, Susan Saul, John Unruh, Rebecca Hazen, Bruce Waugh, Heidi Dobson, Gerald D. Carr, Cathy Santry, Paul Block, Kathleen Sayce, and Phil Hays all identified it as *Paeonia brownii*, known commonly as Brown's peony.

According to *Flora of the Pacific Northwest, Second Edition*, this perennial herb is found in sagebrush deserts to ponderosa pine forest. Its range is Washington, Oregon,

California, Idaho, Wyoming, and Utah. NPSO members remembered it from Camp Sherman, Strawberry Mountains, Steens Mountain, near Hell's Canyon, and Central Oregon. Paul Block shared one of his photos of Brown's peony from Camp Sherman; it can be seen in this month's Photo Gallery.



Photo by Frank Howarth.

## **New Mystery Plant**

### **Do you recognize this plant?**



Photo by Frank Callahan.

This month's mystery plant was photographed by Frank Callahan in Jackson County, Oregon on barren serpentine rock.

Do you have an Oregon Mystery Plant to share?

Send it to the editor at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## OregonFlora

The Grow Natives tool on the [oregonflora.org](http://oregonflora.org) website is expanding! With financial assistance from Oregon's Natural Resources Conservation Service Conservation Innovation Grants program, we have added 100 plant species to this gardening and restoration resource.

The new additions are plants found east of the Cascades, as well as some species common to southwestern Oregon. Purple sage, antelope brush, and a host of penstemons are some of the species now available. You'll also notice a number of these are grasses, bulrushes, and sturdy shrubs—workhorse species that are valuable components of restoration projects of all sizes. All of the 300+ taxa in the Grow Natives tool have profile pages summarizing the plant's characteristics to help you wisely add these native options to your plantings. Information is drawn from the treatments in the *Flora of Oregon* as well as horticultural resources.



We are also excited to soon offer commercial availability as a filtering option in the Grow Natives tool. This software development will allow users to select geographic regions (e.g., Portland area, Willamette Valley) and filter plant options to those carried by participating vendors.

The Grow Natives tool is a great example of how floristic data from the *Flora of Oregon* is relevant—and useful! —to a broad audience. We hope this addition to our website helps you design and create ecologically appropriate gardens filled with Oregon native species!

Your financial support lets us continue to meet our mission. Donate now with an online contribution at [OregonFlora Donate](http://OregonFloraDonate), or by mailing a check made payable to Agricultural Research Foundation (include "OFP" on the memo line) to: Agricultural Research Foundation, 1600 SW Western Boulevard, Suite 320, Corvallis, OR 97333. -Linda Hardison

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## Anecdotal Information on Growing *Ceanothus Cuneatus* in the Willamette Valley



Buckbrush (*Ceanothus cuneatus*). Circa 2012. Friends of Buford Park Native Plant Nursery, Oregon. Photo by David Predeek.

For some years now, David Predeek has been volunteering at a native plant nursery operated by Friends of Buford Park and Mt. Pisgah, a few miles southeast of Eugene. The nursery grows dozens of native plants, but one species that they have found particularly difficult to grow is *C. cuneatus*. Some years they would get no germination, and other years the sprouting seeds would be dug up and devoured by squirrels and rabbits. This year (2022) they have 400 seedlings growing in the nursery. The information below, compiled by David Predeek, is based mostly on trial and error. The Santa Barbara Botanic Garden recommended treating seed with hot water.

#### **Seed collection:**

There is a very narrow window of opportunity for collecting *C. cuneatus* seeds in the wild in the Willamette Valley. Depending on weather, the collection period may lie between July 5 and July 20. Seed traps may be placed around the branches ahead of time if desired. After collection, spread the seed out to dry for a few days to give time for the seeds to separate from the chaff. Store in a cool but dry place.

#### **Sowing seeds:**

Treat seeds with heat before sowing. Place seeds in water at 170 degrees Fahrenheit and allow to cool slowly. Sow seeds in good, fertile soil in the fall: from September through November. Cover with one-fourth inch of soil but no peat moss. Place a screen over the soil to prevent churning and predation by rodents.

#### **Germination:**

In the spring, rodents can sense when the seeds are germinating and will dig them up. Seeds germinate in March and April. Keep the screen in place until the seedlings are an inch tall.

**Transplanting within the nursery:**

The seedlings rapidly develop a deep root system. It is best to transplant them when they are about a half inch tall to a deep container: 8 to 10 inches of soil.

**Transplant to the field:**

They can be transplanted into the field in winter at 10 to 20 inches tall. For one year, water plants weekly during the dry season. *C. cuneatus* grows best in full sunlight and well-drained soil. Do not mulch plants. -David Predeek

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## Willamette Valley Chapter Announces Scholarship Winners

The Willamette Valley Chapter of the NPSO administers the Jean Davis Memorial Scholarship Fund and the Augusta Rockafellar Memorial Scholarship Fund. Jean and Gus were longtime members of the Willamette Valley Chapter and ardent advocates for the environment. Through these two scholarship programs, the Willamette Valley Chapter offers \$500 and \$1,000 scholarships for Oregon college and university students majoring in botany, horticulture, ecology, conservation biology, sustainable natural resource management, and related fields.

We are pleased to announce the winners of scholarships for the 2022-2023 school year:

- Ella Ashford, Willamette University
- Anneliese Bishop-Perdue, University of Oregon
- Ellie Boryer, Oregon State University
- Shuwen Chen, Portland Community College
- Dawn Cohoe, Portland Community College
- Chanyn James, University of Oregon
- Roxanne Olsson, Oregon State University
- Liz Robertson, Portland Community College
- Zane Walker, Oregon State University
- Kaitlin Wall, Southern Oregon University

We are honored to support such an extraordinary group of young scholars.

In January 2023, we will be posting a general announcement about our scholarships and our scholarship application forms for the 2023-2024 school year. - John Savage

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# Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor at [bulletin@npsoregon.org](mailto:bulletin@npsoregon.org)

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## Members Seeking to Form South Coast Chapter

If you live in Coos or Curry county and are interested in helping to form a South Coast Chapter of NPSO, please contact Charmane Mitchell at [cmainie@gmail.com](mailto:cmainie@gmail.com) for more information.

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## Chapter Notes

### Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at [ch\\_president@NPSOregon.org](mailto:ch_president@NPSOregon.org).

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

**Saturday, August 27th, 9:00 am -11:00 am**

**Work Party #270: Native Plant Garden at McMinnville Public Library**

Help the Garden Crew maintain the Native Plant Garden at McMinnville Public Library with deadheading, weeding, and general cleanup. Bring gloves, bucket, and gardening tools if possible. For more information, contact Catie Anderson at [catie.fishback@gmail.com](mailto:catie.fishback@gmail.com) or 503-435-2401.

The library is located at 225 NW Adams Street (corner of Highway 99W and SW Second Street), McMinnville, Oregon. The library parking lot may be entered from either Adams or Second Streets.

### Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact [co\\_president@NPSOregon.org](mailto:co_president@NPSOregon.org). Find us on Facebook at

**Wednesday through Saturday, August 3rd - August 6th**

**Event: Corvallis Chapter Booth, Benton County Fair**

The Corvallis Chapter will have a booth on the east side of the Floral Display Area at the Benton County Fair. Come visit the booth which will focus on "Nurturing Nature with Native Plants in your Backyard" and support the renewal of the Benton County Fair after a lapse of two years.

**Saturday, August 27th, 10:00 am - 12:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

**Leader: Esther McEvoy**

Located at Avery House, Avery Park, Corvallis. Bring water, gloves, clippers, and energy to help with end of summer cleanup. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

**Saturday, September 17th, 10:00 am - 12:00 pm**

**Event: Work Party at the Avery Native Plant Garden**

**Leader: Esther McEvoy**

Located at Avery House, Avery Park, Corvallis. Bring water, gloves, clippers, and energy for working in the garden. Contact Esther for more information at 541-990-0948 or [estherco@peak.org](mailto:estherco@peak.org).

## **Emerald**

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

**Saturday, August 6th, 8:00 am - 7:00 pm**

**Field Trip: Oregon Dunes Restoration**

**Leaders: Armand Rebishke and Dina Pavlis**

Hike the John Dellenback Trail and see what the Siuslaw National Forest is up to with dunes restoration. This area is a "preserve the best" unit, meaning it has an abundance of native dunes plants - adapted to open sand conditions reminiscent of historic dunes conditions before the planting and expansion of European beachgrass, brooms, and other invasive species. We'll see seashore bluegrass, sand fescue, and bearberry plant associations among other native dunes species. The sand boundary was treated during late summer 2020 by cutting and wiping Scotch broom, spraying European beachgrass, and cutting small shorepines. Meet at South Eugene High School (19th and Patterson Street) at 8:00 am to carpool or at Dellenback Trail parking lot (just south of Eel Creek Campground, ~ eleven miles south of Highway 101 and Highway 38 junctions in Reedsport) at 10:30 am. The hike will be approximately three miles round trip (it is an out and back trail). Sand dunes hiking can be strenuous, windy, and chilly. Bring water,

lunch, and sun coverage. Sign up [here](#).

**Saturday, September 10th, 9:00 am - 5:00 pm**

**Field Trip: Hand Lake**

**Leader: Krista Farris**

Join us for a short hike to Hand Lake on the edge of Mt. Washington Wilderness, with McKenzie River Ranger District botanist Krista Farris. Our focus will be the Regional Forester's sensitive plant, *Gentiana newberryi* (Newberry's gentian). Meet at South Eugene High School at 9:00 am or McKenzie River Ranger District at 10:00 am. Sign up [here](#).

**Saturday, September 10th, 1:00 pm - 2:00 pm**

**Field Trip: Museum of Natural and Cultural History Native Plant Garden**

The property surrounding this museum, on the University of Oregon campus, bears an excellent native plant garden that is little known to the community. In partnership with the museum, Emerald Chapter members will be leading this short walk in and around the museum's Glenn Starlin Native Plant Courtyard. With over forty species, the courtyard offers a rich array of plant life that have provided nutrition and material for tools, shelter, and more for millennia. This is part of a monthly series of walks at this location. Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. The address is 1680 East 15th Avenue on the University of Oregon campus in Eugene. Sign-up is not needed, and the tour is free to NPSO members.

**Monday, September 19th, 7:00 pm - 9:00 pm**

**Program: Ecocultural Knowledge, Plant Communities, Ecosystems, and Fire.**

**Presenter: Joseph Scott**

Save the date for this online presentation. A zoom link will be sent to members and posted on the NPSO Emerald Chapter web site closer to the date of the program.

## **High Desert**

For information, visit the High Desert Chapter website: [www.highdesertnpsoregon.org](http://www.highdesertnpsoregon.org) and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email [highdesertnps@gmail.com](mailto:highdesertnps@gmail.com). The new field trip coordinator is High Desert Chapter Vice President Jenifer Ferriel.

## **Klamath Basin**

For information on the Klamath Basin Chapter, contact [kb\\_president@npsoregon.org](mailto:kb_president@npsoregon.org), visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

## **Mid-Columbia (closed)**

After being inactive for several years, in April 2022 the remaining members of the Mid-Columbia chapter voted unanimously to close the chapter. Members will now be affiliated with the Portland chapter.

## **Portland**

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder, or notify us at [npsopdxchapter@gmail.com](mailto:npsopdxchapter@gmail.com) if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <https://www.facebook.com/npsopdxchapter/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

**Our monthly programs are now virtual.** Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

The Portland Chapter does not host Zoom Programs in July and August.

**Thursday, September 8th, 7:00 pm - 8:30 pm**

**Program: Flowers of Iron Mountain and Cone Peak**

**Presenter: Don Jacobson**

Don Jacobson is a former electrical engineer turned glass blower who turned to photography as a creative outlet. As a decades-long member of the Portland Chapter, he has always shared his passion for capturing the light and beauty of native plants in their natural habitats using special effects he's developed over the years. He has been awarded first prize in numerous professional photo contests, been featured on magazine covers, and has contributed to wall calendars for the Audubon Society and the Portland Japanese Garden. His photos have been published in at least five books.

Register in advance for this meeting:

<https://us06web.zoom.us/join/zoom-join/tZYlfuG9fsUwqjDnYdwrV7rM4D6P7V>

After registering, you will receive a confirmation email with a link to join the meeting. Save it!

## **Siskiyou**

To join the Siskiyou Chapter email list, send an email, from the address at which you want to receive announcements, to [announce-join@siskiyou.npsoregon.org](mailto:announce-join@siskiyou.npsoregon.org). No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, [detweiler.katelyn@gmail.com](mailto:detweiler.katelyn@gmail.com). Join us on Facebook at <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at <https://www.youtube.com/channel/UCXF12J9yp2AYmUzNz0jLLSw>.

**Program/Meeting:** The next Siskiyou Chapter meeting will be in September. Programs

run from September through May.

## **Umpqua Valley**

Visit [umpquavalleynativeplants.com](http://umpquavalleynativeplants.com) for more information on chapter activities or to be added to our email list. Check out our Facebook page, [www.facebook.com/UmpquaValleyNPSO](https://www.facebook.com/UmpquaValleyNPSO). Not online? - call Donna Rawson at 541-643-0364.

## **Willamette Valley**

For program information please contact John Savage at [wvnps@gmail.com](mailto:wvnps@gmail.com).

## **William Cusick**

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or [susanmgeer@gmail.com](mailto:susanmgeer@gmail.com). Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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Native Plant Interest Groups:

Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](https://www.facebook.com/NPSO-Filipendula-Chapter)

NPSO State Officers

- President: Dan Luoma, president@npsoregon.org
- Immediate Past President: Lisa Blackburn, past_president@npsoregon.org
- Vice President: Gail Baker, vice-president@npsoregon.org
- Secretary: Steven Yeager, secretary@npsoregon.org
- Treasurer: Michael Hartman, treasurer@npsoregon.org
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
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- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: Vacant
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)

- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Website



Facebook

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Native Plant Society of Oregon

Dedicated to the enjoyment, conservation, and study of
Oregon's native plants and habitats

Bulletin

October 2022 Volume 55, No.8



Rubber rabbitbrush (*Ericameria nauseosa*) with *Salix* sp. in background
Crooked River Canyon, Oregon, September 22, 2022. Photo by James Kangas.

SAVE THE DATE!
NPSO Annual Meeting
June 2-4, 2023
Eugene, Oregon
Hosted by the Emerald Chapter
Banquet Night: Saturday Evening, June 3, 2023

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## [Forward this Newsletter to a Friend](#)

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If you prefer to read a hard copy, click on the link at the top of this email that says "view this email in your browser," and then "print" this e-newsletter as a PDF. A PDF is also uploaded to the NPSO website - look for the link in the right-hand column.

If you have any questions, please contact us at bulletin@npsoregon.org.

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To subscribe to the NPSO email discussion list, visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

**Announcing the Arrival of
Volume 24 of *Kalmiopsis***



KALMIOPSIS

Journal of the Native Plant Society of Oregon



Urtica holzschuhi Nutt.

ISSN 1035-619X

Volume 24, 2022

Volume 24 of *Kalmiopsis* was published as a PDF online (NPSO website publications) in August 2022. This issue contains three articles, two book reviews, and one Fellows announcement and is thirty-seven pages long. Individual articles are available for downloading separately for those who desire printing less than the entire journal. The journal can be accessed at:

[NPSO - Kalmiopsis: Vol 18 - Vol 24 \(npsoregon.org\)](https://npsoregon.org) -Cindy Roché

West Coast Rare Fungi Challenge

Join year two of our five-year quest to find twenty rare, under-documented, and potentially threatened fungi species growing on the West Coast of North America! The "Fungal Diversity Survey (FunDiS) West Coast Rare Fungi Challenge" aims to gather more

data on these special species to help scientists and conservationists better understand and protect these fungi and their habitats.

How can you participate?

1. Learn more about the twenty species of [fungi on the list](#) to reference in the field.
2. Follow [these steps](#) to make a high-quality observation and record it on iNaturalist or Mushroom Observer, or email it directly to WestCoast_rare@fundis.org if you think you've found one of the Challenge species. It may even be eligible for DNA sequencing by the FunDiS team to help understand fungal diversity!
3. Share a picture of your find on Instagram and tag #westcoastrarefungi.
4. [Add](#) any of your fungal finds, not just the rare ones, to the [FunDiS Biodiversity Database](#) on iNaturalist to help us understand fungal biodiversity and distribution across North America.
5. Find out more information about FunDiS and the West Coast Challenge on our [website](#), [Instagram](#) or [Facebook](#)

Thank you for helping document and protect fungi. We look forward to seeing what you will find! -Grace Sommers, West Coast Challenge Volunteer

**Dr. Gabe Campbell of
Portland State University's Berry Seed Bank:
His Native Plant Starts Will be Available at the
Portland Farmer's Market This Fall**



Dr. Gabriel Campbell. Photo courtesy Linda Hardie.

The Berry Seed Bank and Plant Conservation Program at Portland State University is dedicated to the conservation and restoration of Oregon's native plants. The seed bank includes a modern research facility with seed processing and storage capabilities, growth chambers for germination experiments, and greenhouse and nursery space for native plant production. The seed bank has been busy in 2022 monitoring rare plant populations, collecting and banking seed, and cultivating native plants. It also welcomed new employees: Director Dr. Gabriel Campbell, board member of NPSO Portland chapter, and three student interns: Roxy Olson, Stephanie Meikle, and April Hersey.

Come visit the seed bank staff this fall at the Portland Farmer's Market in the park blocks at Portland State University. They will be offering seed propagation advice and native landscaping tips. Potted plants, seeds, and other native plant items will be available for a suggested donation. Be sure to follow them on Instagram(@berry_seed_bank). See their website [Seed Bank Home | Portland State University \(pdx.edu\)](https://www.pdx.edu/berry-seed-bank) to learn when their booth will be open.

Learn more about the origin and history of the [Berry Seed Bank](https://www.pdx.edu/berry-seed-bank).

Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to bulletin@npsoregon.org. Please get consent from any people included in your photo prior to sending it.



Chatterbox (*Epipactis gigantea*). July 2022. Mill Creek, Sheridan, Oregon.

Photo by Marina Longden.



Pearly everlasting (*Anaphalis margaritacea*). September 2020. Detroit Lake, Oregon.

Photo by Marina Longden.

Oregon Mystery Plant

Last month's mystery plant revealed:

The August/September Mystery Plant was *Odontostomum hartwegii*, commonly known as Hartweg's doll's lily. It is in the family Tecophilaeaceae. According to the *Oregon Flora* website, in Oregon this species is found only in Jackson County although it also ranges south to California. Frank Callahan recalls that he first located the population fifty years ago adjacent to his property, on a rocky, barren ultra-mafic site with *Pinus sabiniana* and *Pinus attenuata*.



Photo by Frank Calahan.

New Mystery Plant

Do you recognize this plant?



Photo by Kathleen Sayce.

This month's mystery plant was photographed in June 2019 by Kathleen Sayce in Clatsop County on dunes by Seaside, Oregon.

OregonFlora

Awareness about the importance of pollinators, especially native bees and other insects, has grown in recent years. Pollinators play a key role in maintaining and promoting biodiversity in all types of habitats. The essential component that allows pollinators to thrive is—of course—the plants that they pollinate!

Hand in glove with supporting pollinators is awareness of the plant communities that these hard-working insects rely upon for their survival.

OregonFlora offers several ways to add to your appreciation of this cross-kingdom collaboration:

- *Volume 2 of the Flora of Oregon*, published in 2020, includes a front chapter on plant-insect interactions. Co-authored by Jeffrey Miller, Andy Moldenke, and Dennis Albert, the “Insects as Plant Taxonomists” chapter is organized by plant communities and presents instances of bee, moth, and butterfly interactions you may find when visiting such habitats. Three appendices provide twenty-three pages of details about solitary bees, butterfly food-plants, and native garden plants that support pollinators.
- The *OregonFlora* Grow Natives tool includes wildlife support (for pollinators, butterflies, and beneficial insects) as a filter to select from 300 native species for your garden or restoration projects.
- *OregonFlora* is collaborating with the Oregon Bee Project to promote the development of pollinator- and native plant-friendly headlands at vineyards. This U.S. Department of Agriculture funded project addresses the non-planted lands around vineyards, which is intimately tied to the preservation and restoration of oak savannah and woodlands where Oregon vineyards are frequently sited.



OregonFlora depends upon the support of its website users and friends to meet our mission. Donate now with an online contribution at [OregonFlora Donate](#), or by mailing a check made payable to Agricultural Research Foundation (include “OFP” on the memo line) to: OregonFlora, OSU Dept Botany & Plant Pathology, 2701 SW Campus Way, Corvallis, OR 97331. Note this is a new address, reflecting our return to the newly remodeled Cordley Hall on the Oregon State University campus!

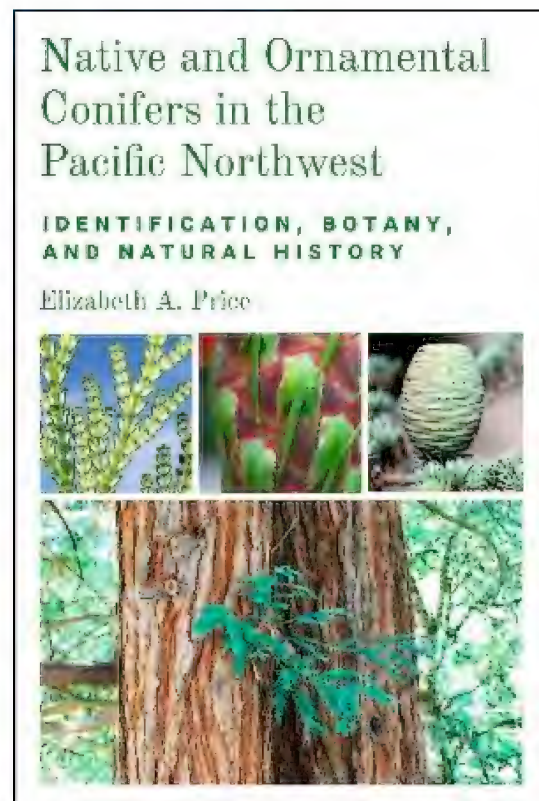
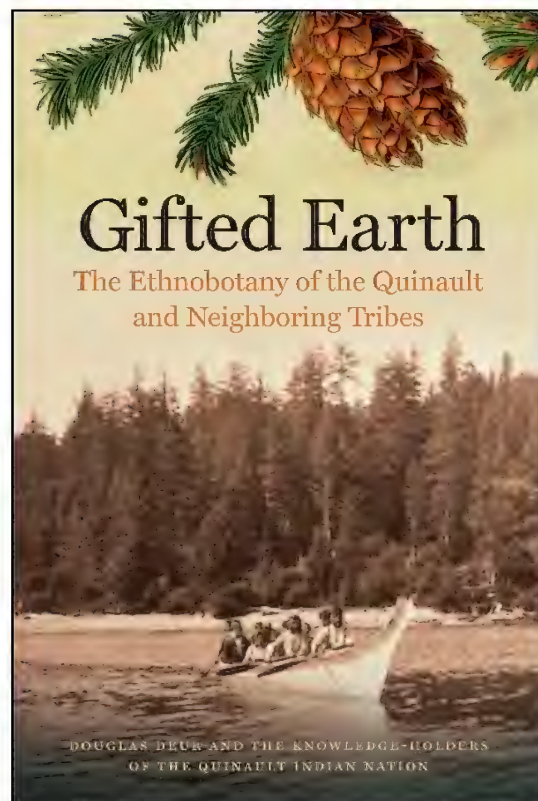
-Linda Hardison

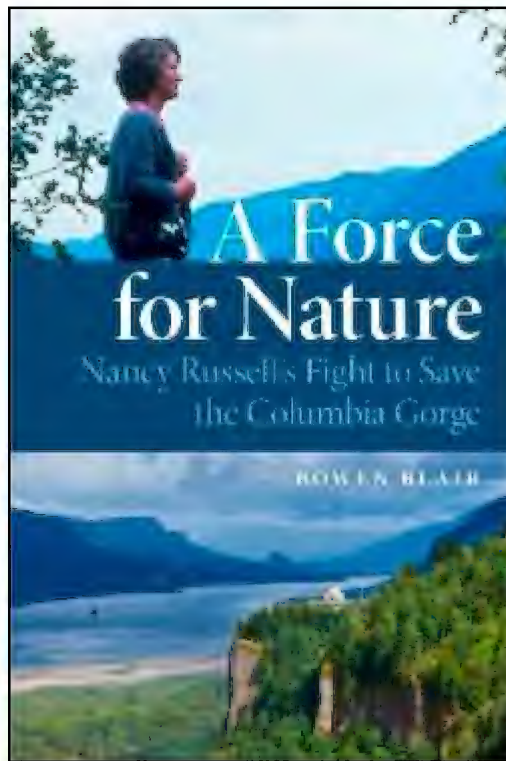
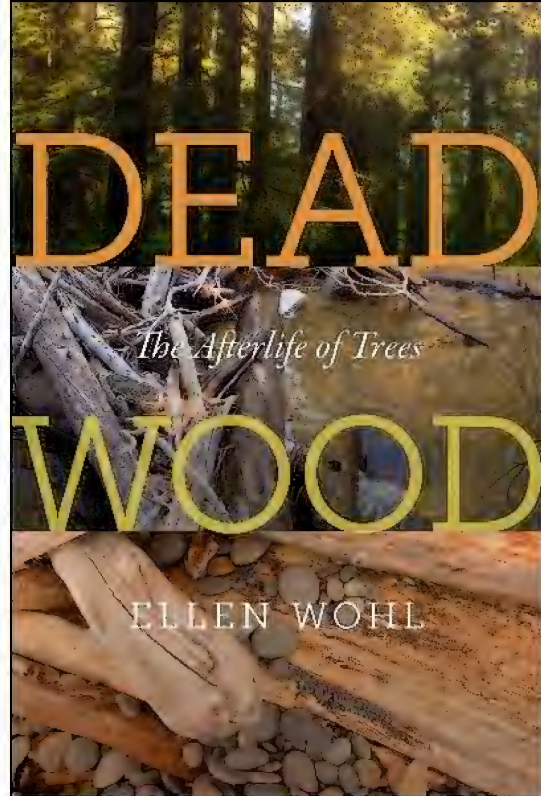
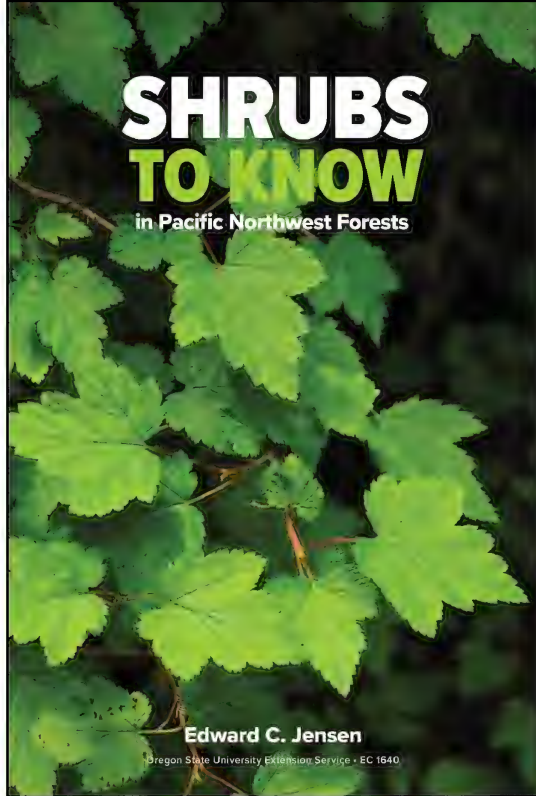
New Books Published by Oregon State University Press

The Oregon State University Press has these new publications which are likely to be of interest to NPSO members:

- *Gifted Earth: The Ethnobotany of the Quinault and Neighboring Tribes*. By Douglas Deur and the Knowledge Holders of the Quinault Indian Nation.
- *Native and Ornamental Conifers: Identification, Botany, and Natural History*. Elizabeth A. Price.
- *Shrubs to Know in Pacific Northwest Forests*. Edward C. Jensen.
- *Dead Wood: The Afterlife of Trees*. Ellen Wohn.
- *A Force for Nature: Nancy Russell's Fight to Save the Columbia Gorge*. Bowen Blair.

These publications can be found at: osupress.oregonstate.edu. -Kareen Sturgeon and Cindy Roché





**Take Your Best Shot: 2023 Native Plant
Appreciation Month Poster Photo Contest**



Summer's over, but remember all those great photos you took of native plants in Oregon this spring and summer - or maybe even last winter or fall? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Month Poster Contest.

Entries must be emailed to photosnpaw@gmail.com. Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date). All entries must be received by December 31, 2022. Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence. The poster designer has sole discretion to not use an image should it not work into the overall layout or is deemed to not be of satisfactory quality. The selected photographer(s) must be able to provide a high-resolution and preferably unedited image (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material.

If you have any questions, please email them to photosnpaw@gmail.com. -Judi Sanders

Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your

knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor at bulletin@npsoregon.org.

Members Seeking to Form South Coast Chapter

If you live in Coos or Curry county and are interested in helping to form a South Coast Chapter of NPSO, please contact Charmane Mitchell at cmainie@gmail.com for more information.

A Year of Mushrooms with Dr. Fred Rhoades

Fall is the main mushroom season in the Pacific Northwest. Join this free virtual event on Tuesday, October 11, 2022, 7 pm- 8:30 pm to hear biologist Dr. Fred Rhoades give a general introduction to mushrooms and discuss their ecology and how they are identified. He will also review the fungi one finds during the various mushroom seasons throughout the year.

This event is sponsored by the Washington Native Plant Society. Please register to attend through our event web page: [https://www.wnps.org/cps-](https://www.wnps.org/cps-events/calendar/1681)
[events/calendar/1681](https://www.wnps.org/cps-events/calendar/1681) [[wnps.org](https://www.wnps.org)]

[https://urldefense.com/v3/ https://www.wnps.org/cps-events/calendar/1681 ;!!K-Hz7m0Vt54!kpB_4hcRibnrPHWushv1d-](https://urldefense.com/v3/https://www.wnps.org/cps-events/calendar/1681)
[duwvZJuYR0SuVhkEnI5SZhsQ2_7SL7lBs_MVzrejXWxOXDePa8TMtgcmI\\$](https://urldefense.com/v3/https://www.wnps.org/cps-events/calendar/1681)

Facebook Link: <https://www.facebook.com/events/721041129312043>
[[facebook.com](https://www.facebook.com)] [https://urldefense.com/v3/ https://www.facebook.com/events/721041129312043 ;!!K-Hz7m0Vt54!kpB_4hcRibnrPHWushv1d-](https://urldefense.com/v3/https://www.facebook.com/events/721041129312043)
[duwvZJuYR0SuVhkEnI5SZhsQ2_7SL7lBs_MVzrejXWxOXDePa8Y9B9k3c\\$>](https://urldefense.com/v3/https://www.facebook.com/events/721041129312043)

-Jan Bird, Publicity Chair, WNPS, Central Puget Sound Chapter

Chapter Notes

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

Saturday, October 22nd, 10:00 am - 12:00 pm

Work Party #273: Native Plant Garden at McMinnville Public Library

Help the Garden Crew maintain the Native Plant Garden at McMinnville Public Library with deadheading, weeding, and general cleanup. Bring gloves, bucket, and gardening tools if possible. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

The library is located at 225 NW Adams Street (corner of Highway 99W and SW Second Street), McMinnville, Oregon. The library parking lot may be entered from either Adams or Second Streets.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

Monday, October 10th, 7:30 pm - 9:00 pm

Meeting: Wildfire and Plants in the Sierra Nevada

Presenter: Harold Zald

Come join the Corvallis Chapter for our first meeting this fall. The location will be sent out to our mailing list when it is determined.

Our speaker will be Dr. Harold Zald, Research Forester with the U.S. Forest Service Pacific Northwest Research Station. Harold is involved with vegetation monitoring and remote sensing. Harold's talk will address aspects of fire effects on vegetation in the Sierra Nevada of California. Masks are welcome but not required.

Saturday, October 22nd, 10:00 am - 12:00 pm

Event: Work Party at the Avery Native Plant Garden

Leader: Esther McEvoy

Located at Avery House, Avery Park, Corvallis. We will mulch more of the paths and do some fall pruning. Bring shovels, water, gloves, and clippers. Contact Esther for more information at 541-990-0948 or estherco@peak.org.

Emerald

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.nps/>.

Sunday, October 9th, 1:00 pm - 3:00 pm

Field Trip: Afternoon Ramble at Dorris Ranch

Leader: Karl Anderson

NPSO members and non-members alike are invited to join Emerald Chapter Board

member Karl Anderson on a walk at Dorris Ranch to enjoy the turning of the seasons. We'll head a little over one-half-mile down the paved path to the mature conifer forest. Subject to participant wishes, we can return the way we came or take the maintained trail west through the forest and back north through the filbert orchards.

Dorris Ranch is at the south end of 2nd Street in Springfield, Oregon. When coming from Eugene on Highway 126, 2nd Street is the first stoplight in Springfield after crossing the Willamette River. We will meet at the main trailhead where there is ample parking. Remember to check the weather for that day and dress accordingly. Please sign-up [HERE](#).

Saturday, October 15th, 1:00 pm - 2:00 pm

Field Trip: Museum of Natural and Cultural History Native Plant Garden

Leaders: Emerald Chapter Members

The property surrounding this museum, on the University of Oregon campus, bears an excellent native plant garden that is little known to the community. In partnership with the museum, Emerald Chapter members will be leading this short walk in and around the museum's Glenn Starlin Native Plant Courtyard. With over forty species, the courtyard offers a rich array of plant life that has provided nutrition and material for tools, shelter, and more for millennia. This is part of a monthly series of walks at this location.

The address is 1680 East 15th Avenue on the University of Oregon campus in Eugene. Limited free parking is in a designated lot located just west of the mammoths on East 15th Avenue, and metered parking is available on the street. Sign-up is not needed, and the tour is free to NPSO members.

Monday, October 17th, 7:00 pm - 9:00 pm

Program: The Walama Restoration Project

Presenter: Kris Elbree, Executive Director

The Walama Restoration Project is a community organized non-profit based in Eugene, Oregon and founded in 2001. It is dedicated to environmental stewardship and biological diversity through education and habitat restoration. Currently the non-profit is working on habitat restoration in the Southern Willamette Valley and in the National Forest from the Columbia River Gorge National Scenic Area and south through the Mt. Hood and Willamette National Forests. The Walama Restoration Project has incorporated educational programs into restoration projects and has succeeded with invasive vegetation management regimes without the use of herbicides.

The program will be located at the Amazon Community Center, 2700 Hilyard Street, Eugene, OR 97405. This is our first in-person program in over 2 years. We request that attendees follow proper health precautions including wearing face masks and to refrain from attending if experiencing cold or flu symptoms.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email highdesertnps@gmail.com. The new field trip coordinator is High Desert Chapter Vice President Jenifer Ferriel.

Klamath Basin

For information on the Klamath Basin Chapter, contact kb_president@npsoregon.org, visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

Mid-Columbia (closed)

After being inactive for several years, in April 2022 the remaining members of the Mid-Columbia chapter voted unanimously to close the chapter. Members will now be affiliated with the Portland chapter.

Portland

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder, or notify us at npsopdxchapter@gmail.com if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <https://www.facebook.com/nps.portland/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

Our monthly programs are now virtual. Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

The Portland Chapter does not host Zoom Programs in July and August.

Thursday, October 13th, 7:00 pm

Program: Building and Stewarding Trails for People, Plants, and Posterity

Presenter: Ryan Ojerio, Washington Trails Association

Ryan will take us on an illustrated tour of trails advocacy, planning, construction, and maintenance from his thirteen years at the Washington Trails Association. He'll discuss how a hiking-focused nonprofit like WTA succeeds by collaborating with many other trail user groups.

Register in advance for this meeting:

<https://us06web.zoom.us/join/zoom-join?meeting=register/tZAlfu2rqz8rH9CvAdZEKikBRBCXNbLaUM-N>

Thursday, November 10th, 7:00 pm

Program: Wildflowers of Goat Rocks Wilderness

Presenter: Mark Turner, Author and Photographer

Enjoy an evening with well-known native plant field guide author and award-winning photographer Mark Turner (*Wildflowers of the Pacific Northwest*). Mark will discuss his backpack into Goat Rocks Wilderness in Washington's Gifford Pinchot National Forest. Volcanic landscapes from Mt. Adams to Mt. Rainier provide a diversity of habitats for an

amazing array of unusual and endemic plants which Mark has photographed to perfection.

Register in advance:

<https://us06web.zoom.us/meeting/register/tZEKce2srT4pGNUCSIGmVf5lVTSTewigBGjM>

After registering, you'll receive a confirmation email with a link to join the meeting. Save it!

Siskiyou

To join the Siskiyou Chapter email list, send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at <https://www.youtube.com/channel/UCXF12J9yp2AYmUzNz0jLLSw>.

Program/Meeting: The next Siskiyou Chapter meeting will be in September. Programs run from September through May.

Umpqua Valley

Visit umpquavallevnativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online? - call Donna Rawson at 541-643-0364.

Willamette Valley

For program information, please contact John Savage at wvnpsso@gmail.com.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Find us on Instagram at [instagram.com/wm.cusick.chapter](https://www.instagram.com/wm.cusick.chapter). Our website is not currently functional.

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## **Native Plant Interest Groups:**

### **Filipendula**

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](https://www.facebook.com/NPSO-Filipendula-Chapter)

- President: Dan Luoma, [president@npsoregon.org](mailto:president@npsoregon.org)
- Immediate Past President: Lisa Blackburn, [past\\_president@npsoregon.org](mailto:past_president@npsoregon.org)
- Vice President: Gail Baker, [vice-president@npsoregon.org](mailto:vice-president@npsoregon.org)
- Secretary: Steven Yeager, [secretary@npsoregon.org](mailto:secretary@npsoregon.org)
- Treasurer: Michael Hartman, [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org)
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

## Committees & Chairs

- Budgets and [Grants](#): [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: Vacant
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Website



Facebook



# ***Native Plant Society of Oregon***

Dedicated to the enjoyment, conservation, and study of  
Oregon's native plants and habitats

## **Bulletin**

November 2022 Volume 55, No.9



Chokecherry (*Prunus virginiana*)

Ochoco Mountains, Oregon, October 22, 2022. Photo by Faye Streier.

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SAVE THE DATE!

NPSO Annual Meeting

June 2-4, 2023

Eugene, Oregon

Hosted by the Emerald Chapter

Banquet Night: Saturday Evening, June 3, 2023

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If you have any questions, please contact us at bulletin@npsoregon.org.

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To subscribe to the NPSO email discussion list, visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

Oregon's Rare, Threatened, and Endangered Species Part 1: The Law

The following article is first in a series by Dave Garcia, NPSO Legislative Chair.

In this series of articles, I will discuss the legal mandates and the work of conserving Oregon's rare, threatened, and endangered species. First, the law.

The Nation

I hope you are as impressed as I am by the clarity of the intent of the 108th United States Congress as shown in the following text from Section 2 of the 1973 Endangered Species Act (ESA):

“(a) FINDINGS—The Congress finds and declares that—

(1) various species of fish, wildlife, and plants in the United States have been rendered extinct as a consequence of economic growth and development untempered by adequate concern and conservation;

(2) other species of fish, wildlife, and plants have been so depleted in numbers that they are in danger of or threatened with extinction;

(3) these species of fish, wildlife, and plants are of aesthetic, ecological, educational, historical, recreational, and scientific value to the Nation and its people;

(4) the United States has pledged itself as a sovereign state in the international community to conserve to the extent practicable the various species of fish or wildlife and plants facing extinction, pursuant. . . to the Convention on International Trade in Endangered Species of Wild Fauna and Flora and other international agreements; and

(5) encouraging the States and other interested parties, through Federal financial assistance and a system of incentives, to develop and maintain conservation programs which meet national and international standards is a key to meeting the Nation's international commitments and to better safeguarding, for the benefit of all citizens, the Nation's heritage in fish, wildlife, and plants.

(b) PURPOSES.—The purposes of this Act are to provide a means whereby the ecosystems upon which endangered species and threatened species depend may be conserved, to provide a program for the conservation of such endangered species and threatened species, and to take such steps as may be appropriate to achieve the purposes of the treaties and conventions . . .

(c) POLICY — 1) It is further declared to be the policy of Congress that all Federal departments and agencies shall seek to conserve endangered species and threatened species and shall utilize their authorities in furtherance of the purposes of this Act.

(2) It is further declared to be the policy of Congress that Federal agencies shall cooperate with State and local agencies to resolve water resource issues in concert with conservation of endangered species.”

(Other sections of the ESA specify the details of how the United States will identify and protect threatened and endangered species)

In 1978, a lawsuit was filed alleging that the proposed construction of the Tellico Dam on the Little Tennessee River would destroy critical habitat of an endangered snail darter fish. In its findings the United States Supreme Court affirmed the Sixth Circuit Court of Appeals decision in granting an injunction to halt the proposed dam construction and to not allow exemptions to the ESA.

In the majority opinion, Chief Justice Burger called the ESA “the most comprehensive legislation for the preservation of endangered species enacted by any nation.” The Court found that the plain intent of Congress in enacting the ESA “was to halt and reverse the trend toward species extinction, whatever the cost.”

Congress, the Supreme Court, and President Richard M. Nixon (who signed the ESA) were crystal clear in this Nation's commitment to conserve our wildlife and the habitats they depend upon for their survival.

Oregon

In 1969, Nevada enacted the first state ESA. (Forty-six States in the United States of America have an ESA or similar laws.) In 1987, the Oregon Legislative Assembly enacted the Oregon ESA which begins with the following statement:

“Whereas the native fauna and flora of this state are an irreplaceable economic resource for the citizens of this state; and, whereas the loss of individual native species, as well as entire ecosystems diminishes the quality of life in this state for all its residents; and, whereas the native wildlife and plant species that are endangered or threatened become so because of destruction, modification, or severe curtailment of their habitat or because of exploitation for commercial, scientific, educational, or private uses; and, whereas it is desirable to protect and conserve these threatened or endangered species; now, therefore, **BE IT ENACTED BY THE PEOPLE OF THE STATE OF OREGON . . .** “ [The full text of the Oregon ESA can be found in ORS.496.171 to 496.192, 498.026 and 564.100 to 564.135].

As with the Federal ESA, the imperative to conserve native fauna and flora in Oregon’s ESA is perfectly clear. The goal is similar to the federal goal: conservation of threatened or endangered species through “the use of methods and procedures necessary to bring a species to the point at which [protective] measures are no longer necessary.” By definition, an endangered species is one determined to be in danger of extinction throughout any significant portion of its range within the state. Threatened species are those that could become endangered within the foreseeable future within all or a significant part of its range within the state.

Species protection under the Oregon ESA is limited to state-owned land, state-leased land, and land over which the state has a recorded easement. Owners of any commercial forest land or other private land are not required to take action to protect a threatened or endangered species or have imposed additional requirements or restrictions on the use of their land. Transactions in state-listed threatened and endangered species (importation, exportation, transportation, purchase or sale) are prohibited under the Oregon ESA.



Gentner's fritillary (*Fritillaria gentneri*). Listed as endangered under federal and Oregon ESAs.
Jackson County, Oregon. April 20, 2013. Photo by Tanya Harvey, Courtesy of Oregon Flora.

Oregon's threatened and endangered species lists include all native species listed under the federal ESA as of May 15, 1987, plus any additional native species determined by the appropriate state agency (or commission) to be threatened or endangered. The State of Oregon and the federal government maintain separate lists of threatened and endangered species. Under the Federal ESA, approximately 2,344 species worldwide have been listed as threatened or endangered; 1,661 occur in the United States. Oregon is home to fifty-seven species considered threatened or endangered under the federal ESA - thirty-eight animal and nineteen plant species. Thirty animal species and sixty plant species are listed as threatened or endangered under Oregon's ESA.

In "Oregon's Rare, Threatened, and Endangered Species, Part 2: "The Work", I will discuss the federal and state agencies responsible for the conservation of threatened and endangered species. - *Dave Garcia, NPSO Legislative Chair*

An Introduction and Update from the Oregon Department of Agriculture's Native Plant

Conservation Program

In late 1987, the Oregon Legislature passed Oregon Senate Bill 533, commonly referred to as the "Oregon Endangered Species Act." Due in large part to the lobbying efforts of NPSO members Esther McEvoy and Julie Kierstead, SB533 created what was then called the Plant Conservation Biology Program at the Oregon Department of Agriculture. The first employee was Dr. Robert Meinke, who would lead the program until his retirement in 2018. The second in a long line of dedicated botanists to grace the program was Dr. Tom Kaye, who would go on to co-found the Institute for Applied Ecology, where he remains the executive director and senior ecologist.

Oregon law provides the Oregon Department of Agriculture with the authority to list native plant species as endangered or threatened, regulate activities that can impact threatened or endangered species on public lands, and advise on conservation efforts for listed species. The ability of the Oregon Department of Agriculture to uphold and fulfill these important responsibilities depends on the availability of state funding, which hasn't always been provided.

The Native Plant Conservation Program, as it is now known, has struggled with limited funding for most its existence. Historically, the state has covered salary for a single botanist, office-related overhead, and indirect costs. As a result, the program has secured additional funding through federal and private grants to fund research, field work, and staffing increases. This approach has allowed us to build a strong research program with a statewide network of stakeholders, a reputation for conducting first-rate conservation and propagation research, and many successful conservation introductions. At times, the dependence on federal grant funding and subsequent focus on federally listed plants has been perceived as being at the expense of addressing other underserved rare plants.

Following Bob Meinke's retirement, program leadership was transferred to Jordan Brown, who has been with the program since 2010.

In 2021, lobbying efforts by NPSO members on behalf of our program secured the first substantive increase in state funding in decades, finally allowing for additional staff to join the program. The Oregon Department of Agriculture's Native Plant Conservation Program now consists of four full-time personnel - Jordan Brown, Dani Marshall, Isaac Sandlin, and Paul Dunnette.

Going forward, the state funding will allow our program to increase and enhance our work on state and local plant conservation issues, with our first priority being an update to the state's list of threatened and endangered plants. In future editions of the *Bulletin*, NPSO members can expect regular updates from our office, as well as reports from our field research.



Oregon Department of Agriculture's Native Plant Conservation Program team members surveying for *Mirabilis macfarlanei* along the Imnaha River in May 2022.

From left to right: Isaac Sandlin, Dani Marshall, Paul Dunnette, and Jordan Brown.

Highlights from the 2022 field season include:

- Four weeks of monitoring the status of Gentner's fritillary (*Fritillaria gentneri*; federally endangered, state endangered) transplants in Josephine and Jackson counties. This iconic native plant is beloved by locals and is under threat due to development and climate change. Since 2004, our program has transplanted over 120,000 *F. gentneri* propagules in southern Oregon, contributing to our goal to recover and delist this imperiled species.

- Two weeks of monitoring and mapping Macfarlane's four-o'clock (*Mirabilis macfarlanei*; federally threatened, state endangered) on the Imnaha and Snake rivers in northeast Oregon with our partners the U.S. Forest Service. Data collected on this trip will help inform the current status of the species, guide future recovery planning, and feed into a series of habitat management plans that will help secure the future of existing populations and the desired outcome, the delisting of the species.

- Ongoing research exploring best practices for propagating smooth blazingstar (*Mentzelia mollis*; federal species of concern, state endangered) and Owyhee clover (*Trifolium owyheense*; federal species of concern, state endangered), two rare edaphic plants native to Malheur County in far eastern Oregon. Results from this research will help stakeholders and managers augment existing populations, to help sustain them in the wild, which will recover these two species.

-Three weeks of monitoring Applegate's milkvetch (*Astragalus applegatei*; federally endangered, state endangered) in Klamath Falls, OR, which is among the rarest plant species in the state of Oregon. Monitoring focused on the most significant and legally protected population on public land, along with several other protected sites. In future years, we plan to work with local and regional partners on population expansion and refining best management practices.

-Sporadic collection of additional threatened and endangered plant seeds throughout the state including rough popcorn flower (*Plagiobothrys hirtus*), Lawrence's milkvetch (*Astragalus collinus* var. *laurentii*), and Peck's milkvetch (*Astragalus peckii*). The seeds we collect will be used to augment existing populations and perform seed and seedling related research; additionally, some will go to regional and national seed banks as a backstop protection from extinction.

-In July 2022, following the conclusion of most field work, we began focusing on reviewing and updating the state's list of threatened and endangered plant species. The first list changes are expected in early 2023 following an opportunity for public comment. - Isaac Sandlin, Conservation Biologist, Oregon Department of Agriculture - Native Plant Conservation Program

Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to bulletin@npsoregon.org. Please get consent from any people included in your photo prior to sending it.



Autumn color on the Fall River, Oregon.

Salix sp. and *Betula glandulosa* provide most of the color.

October 16, 2022. Photo by Jill Kellogg.



Bog candles (*Platanthera dilatata*) with dragonfly nymph casing.

Walton Lake, Ochoco Mountains, Oregon. July 2022.

Photo by Gayle Streier.

Oregon Mystery Plant

Last month's mystery plant revealed:

Gerald D. Carr, Bruce Waugh, and Carolyn Wright all correctly identified the October Mystery Plant as *Glehnia leicarpa*, commonly known as beach silvertop. According to the *Oregon Flora* website, it is found on coastal dunes and beaches in California, Oregon, Washington, and Alaska. Extra congratulations to Bruce Waugh for also identifying beach strawberry (*Fragaria chiloensis*) in the photo!



Photo by Kathleen Sayce.

New Mystery Plant
Do you recognize this plant?



Mystery plant leaves. Photo by Frank Callahan.



Mystery plant inflorescence. Photo by Frank Callahan.

This month's mystery plant was photographed by Frank Callahan by a spring originating from serpentine rock in Jackson County, Oregon.

Do you have an Oregon Mystery Plant to share?
Send it to the editor at bulletin@npsoregon.org

OregonFlora

OregonFlora is planning the addition of a new, interactive Rare Plant Guide to its website. In a significant expansion of our existing [fact sheets](#), this tool will be an ideal resource to learn about some of Oregon's most precious botanical treasures. It will feature filterable characters such as habitat, elevation, conservation status, and best survey time, as well as discussions, illustrations, and distributions. Designed to help and inform rare plant fans from the Citizens Rare Plant Watch teams as well as federal and state agency workers, this online tool will fill a gap in our knowledge of and the accessibility to rare plant information.

We are grateful to receive a commitment of \$5,000 in seed money from NPSO's Rare and Endangered Plant Committee—thank you! This will cover 20 percent of the project expenses. We are seeking additional funding from agencies and others who will use and appreciate this resource so that OregonFlora can fill this information need.

As you enjoy the *Bulletin's* series of articles by Dave Garcia about rare plants, stay tuned for information in the new year about a challenge fundraising campaign from the Rare and Endangered Committee and OregonFlora to secure the needed funds to complete and launch an online, interactive Rare Plant Guide!



OregonFlora depends upon the support of its website users and friends to meet our mission. Donate now with an online contribution at [OregonFlora Donate](#), or by mailing a check made payable to Agricultural Research Foundation (include "OFP" on the memo line) to: OregonFlora, OSU Dept Botany & Plant Pathology, 2701 SW Campus Way, Corvallis, OR 97331. Note this is a new address, reflecting our return to the newly remodeled Cordley Hall on the Oregon State University campus!

-Linda Hardison

National Native Seed Conference 2023 Conference

The National Native Seed Conference invites you to submit an abstract for oral and poster presentations for the 2023 conference. The conference will be held March 27-30, 2023, in the Washington D.C. Metro Area. The National Native Seed Conference is dedicated to the science, practice, and policy of producing and effectively using native seed. The conference supports the America the Beautiful Executive Order, National Seed Strategy for Rehabilitation and Restoration, and the United Nations Decade on Ecosystem Restoration.

The theme for the conference is “Cultivating the Restoration Supply Chain.” Please keep in mind the theme and session topics when submitting an abstract as you will be required to select at least one relevant session for your presentation. Oral presentations are typically 20 minutes (including 5 minutes for questions). Posters will be presented at the poster session on Tuesday, March 28th, 2023. To submit an abstract click [here](#).

Early Bird Registration will be open through Dec 1, 2022. To register click [here](#).

We hope to see you in March. Questions? e-mail the conference at appliedeco.org or call 541-753-3099. Visit the conference website [here](#). - *Institute for Applied Ecology*

Take Your Best Shot: 2023 Native Plant Appreciation Month Poster Photo Contest

It's Time to Celebrate
Native Plant Appreciation Month
April 1-30, 2022

Ways to explore or learn more about Oregon's native plants ...

- ♦ Join your local Native Plant Society
- ♦ Attend a program or workshop
- ♦ Visit a native plant nursery or garden
- ♦ Volunteer for a restoration project
- ♦ Hike a natural area
- ♦ Add native plants to your landscape
- ♦ Purchase a new guidebook

Discover what your local NPSO chapter is doing
www.npsoregon.org

Summer's over, but remember all those great photos you took of native plants in Oregon this spring and summer - or maybe even last winter or fall? Now that you're probably spending more time indoors, you could take this opportunity to select the best of your photos and submit them for the Native Plant Appreciation Month Poster Contest.

Entries must be emailed to photosnpaw@gmail.com. Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date). All entries must be received by December 31, 2022. Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence. The poster designer has sole

discretion to not use an image should it not work into the overall layout or is deemed to not be of satisfactory quality. The selected photographer(s) must be able to provide a high-resolution and preferably unedited image (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material.

If you have any questions, please email them to photosnpaw@gmail.com. -Judi Sanders

Wanted- Volunteers for the *Bulletin*

NPSO is seeking contributions from members, such as a short essay on your research or report of a field trip. Your contribution could be a short entry for a plant of the month or mystery plant, a photo of a plant to feature as the *Bulletin* cover photo, a description of a new book you've discovered, or another subject related to Oregon's flora. Submissions must be your own work, not something copied from the internet. Photos must be your own or ones you have obtained permission to use. Please consider sharing your knowledge with other members by contributing to NPSO's monthly *Bulletin*! Send contributions to the editor at bulletin@npsoregon.org.

Willamette Valley Hardy Plant Group presents “The Best and Most Fabulous Western Natives for the Garden”

Please join the Willamette Valley Hardy Plant Group on Tuesday, November 8 at 7:00 PM in the Unitarian Universalist Church, 1685 W 13th Avenue, Eugene OR, for our speaker program presented by Sean Hogan from Cistus Nursery, Portland, OR.

This month's topic is “*The Best and Most Fabulous Western Natives for the Garden*”. Sean's program will focus on his collecting, growing and hybridizing of a number of some of the most attractive plants for texture, year-round performance, and climate resilience. All that with much lower water bills!

For more information about the group or this event, visit our website at www.thehardyplantgroup.org or email us at info@thehardyplantgroup.org. -Willamette Valley Hardy Plant Group

Members Seeking to Form South Coast Chapter

If you live in Coos or Curry county and are interested in helping to form a South Coast Chapter of NPSO, please contact Charmane Mitchell at cmainie@gmail.com for more information.

Chapter Notes

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

Saturday, November 26th, 10:00 am -12:00 pm

Work Party #274: Native Plant Garden at McMinnville Public Library

Location: McMinnville Public Library

Winter chores include making design decisions as well as pruning, clean-up, and weeding. Sometimes we have new species to plant! The garden includes nine ecological areas with sun and shade. Dress for the weather. Bring gloves, bucket, and gardening tools if possible. For more information, contact Catie Anderson at catie.fishback@gmail.com or 503-435-2401.

The library is located at 225 NW Adams Street (corner of Highway 99W and SW Second Street), McMinnville, Oregon. The library parking lot may be entered from either Adams or Second Streets.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

Sunday, November 6th, 9:00 am - late afternoon

Field Trip: Mushroom foray with Dan Luoma

Location: Meet at the Philomath Ace Hardware parking lot

Come prepared for the weather and mushroom hunting. Contact Dan Luoma for more information at: daniel.luoma@oregonstate.edu.

Monday, November 14th, 7:30 pm - 9:00 pm

Program: Recent projects at Greenbelt Land Trust

Speaker: Matt Blakeley-Smith, Greenbelt Land Trust

Location: Room 2602, Cordley Hall, Oregon State University Campus

Join us for an informative presentation about the dramatic transformation of Greenbelt Land Trust's iconic Bald Hill Farm property. Matt will describe the conversion process

from an over-grazed cow pasture to a future meadow filled with camas and other native wildflowers. We'll also cover how new vernal pools were constructed to grow wetland plants and attract wildlife.

The new meeting room is near where we met previously. The new main entrance to Cordley Hall is now on the west side of the building via a new courtyard. There are also entrances on the northwest and southwest corners of the building. Some of the old parking is gone, but there is parking across the street (Orchard Avenue) on the north side.

Saturday, November 19th, 1:00 pm - 3:00 pm

Event: Work Party at the Avery Native Plant Garden

Leader: Esther McEvoy

Location: Avery House, Avery Park, Corvallis

We do winter clean-up and pruning. Bring gloves, clippers, and rain gear. Contact Esther for more information at 541-990-0948 or estherco@peak.org.

Emerald

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.npso/>.

Sunday, November 6th, 1:00 pm - 3:00 pm

Field Trip: Afternoon Ramble at Mt. Pisgah Arboretum

Leader: Karl Anderson

Location: Mt. Pisgah Arboretum

Join us for an autumn stroll at the Mt. Pisgah Arboretum. Meet at the main entrance sign, near the White Oak Pavilion. We'll head east on Quarry Road, then drop into the wetland and over to Seavey Way along the Coast Fork Willamette River to look at some prairie restoration activities. The walk will take place regardless of weather, so please dress accordingly. Sign up at [this link](#).

The Mt. Pisgah Arboretum is located at: 34901 Frank Parrish Road, Eugene, OR 97405

Monday, November 21st, 7:00 pm - 9:00 pm

Program: Restoring Herbert Farm and Natural Area

Speaker: Sara Alaica, Restoration Ecologist

Location: Amazon Community Center

For the past ten years, the Institute for Applied Ecology has been restoring Herbert Farm, a 221-acre property south of Corvallis in Benton County. Under this ongoing long-term restoration plan, fields once used for agricultural production are now home to native wildflowers and wildlife. Oak woodlands and riparian areas have also been enhanced with new populations of threatened Nelson's checkermallow, Kincaid's lupine, and others. Learn about the wide variety of restoration techniques that have been used in this restoration, including prescribed fire, diverse seed mixes, fallowing, and high-density

riparian planting.

The Amazon Community Center is located at: 2700 Hilyard Street, Eugene, OR 97405

Monday, December 19th, 7:00 pm - 9:00 pm

Program: Holiday Social - Botanical Destinations and Stories

Location: Amazon Community Center

Attendees are invited to bring three to six photos on a flash drive to show and recount their botanical adventures over the year. Bring a snack or beverage to share. We try to make this a no-waste event so please bring your own beverage cup, small plate, utensil, and napkin if possible.

The Amazon Community Center is located at: 2700 Hilyard Street, Eugene, OR 97405

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](https://www.facebook.com/NativePlantSocietyofOregonHighDesertChapter), or email highdesertnps@gmail.com. The new field trip coordinator is High Desert Chapter Vice President Jenifer Ferriel.

Tuesday, November 1st, 7:00 pm - 8:00 pm (doors open at 6:00 pm)

Presentation: Collecting Local Wildland Seeds for Deschutes Basin Native Plant Seedbank

Speaker: Berta Youtie

Location: Worthy Brewing, Hop Mahal Room

Worthy Brewing is located at 495 NE Bellevue Drive, Bend, Oregon, 97701

Klamath Basin

For information on the Klamath Basin Chapter, contact kb_president@npsoregon.org, visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](https://www.facebook.com/13KlamathBasinChapter-NativePlantSocietyofOregon).

Mid-Columbia (closed)

After being inactive for several years, in April 2022 the remaining members of the Mid-Columbia chapter voted unanimously to close the chapter. Members will now be affiliated with the Portland chapter.

Portland

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder, or notify us at npsopdxchapter@gmail.com if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <https://www.facebook.com/npsportland/>. Visit our chapter website at

<https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

Our monthly programs are now virtual. Members will find links to register for our second Thursday Zoom presentations in each issue of the *state Bulletin* and in *The Calochortus*.

The Portland Chapter does not host Zoom Programs in July and August.

Thursday, November 10th, 7:00 pm

Program: Wildflowers of Goat Rocks Wilderness

Speaker: Mark Turner, Author and Photographer

Enjoy an evening with well-known native plant field guide author and award-winning photographer Mark Turner (*Wildflowers of the Pacific Northwest*). Mark will discuss his backpack into Goat Rocks Wilderness in Washington's Gifford Pinchot National Forest. Volcanic landscapes from Mt. Adams to Mt. Rainier provide a diversity of habitats for an amazing array of unusual and endemic plants which Mark has photographed to perfection.

Register in advance:

<https://us06web.zoom.us/meeting/register/tZEkce2srT4pGNUCSIGmVf5IVTSTewigBGjM>

After registering, you'll receive a confirmation email with a link to join the meeting. Save it!

Thursday, December 8th, 7:00 pm

On-line Program: Annual Members Photo Show

Calling Photographers from All NPSO Chapters! It's time to submit twelve to fifteen of your best shots of 2022. Longtime member Mike McKeag has generously volunteered to produce this special online event and asks you to have your photos to him by December 5th. Email him at mmckeag@gorge.net for simple instructions. Amateur and professional, people and plants, camera or phone shots, all are welcome. Show our newest members what NPSO has been up to this year!

Whether a contributor or just an observer, everyone must register to join the Zoom meeting! You'll receive an email with a link to join the session. Save it!

Register in advance:

<https://us06web.zoom.us/meeting/register/tZYkdu2hpgziGtHGBwynNw1DezadJVlpj3Hn>

Sunday, January 15th, 12:00 pm - 3:00 pm

Event: 2023 Field Trips Planning Meeting

Location: Home of Roger Brewer, southwest Portland

Enjoy an annual chapter tradition that has survived pandemic times. This year it's a potluck lunch followed by brainstorming to find our favorite hikes and explorations to

add to the 2023 calendar. You don't need to be a plant expert or have previous experience. We need you as an enthusiastic lover of native plants, a communicator, and an organizer. You can start as a co-leader mentored by other field trip leaders. If you don't know the plants, you'll get to know them soon enough. You'll have plenty of help from our knowledgeable and enthusiastic participants who are uncritical, happy to share, and happy to be out in nature with you. Enrich your life and others' lives, keep a tradition alive, step up to help your chapter. Contact us at npsopdxchapter@gmail.com to RSVP or for more information.

Siskiyou

To join the Siskiyou Chapter email list, send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at <https://www.youtube.com/channel/UCXF12J9yp2AYmUzNz0jLLSw>.

Program/Meeting: The next Siskiyou Chapter meeting will be in September. Programs run from September through May.

Thursday, November 17th, 7:00 pm

Program: Riparian Forest Restoration Toolbox - Multiple Pathways to Recover the Native Plant Community

Speaker: Lance Wyss

Location: Southern Oregon University, Science Building, Room 161

More details are coming! Lance is a restoration ecologist with the Rogue River Watershed Council. This program will be an in-person with a short member meeting and light refreshments provided. This program will also be provided via Zoom for folks who cannot attend in person. To register for the Zoom: <https://bit.ly/nps2022-23talks>.

Thursday, December 15th, 6:00 pm

Program: December Potluck & Program: Interactions Between Plants and Fungi—Good, Bad, and Indifferent

Speaker: Dr. Darlene Southworth

Location: To Be Announced on Chapter Facebook and e-news

Holiday trees such as conifers and oaks appear to be independent individuals. Trees and fungi are completely different organisms in terms of reproductive and vegetative structure, yet they often live together symbiotically. We'll examine the consequences of their interactions. Is a tree really a single organism? Feasting begins at 6:00 pm, program around 7:00 pm. Please bring a potluck dish, table service (plate, silverware, glass, cup), and a food donation for the Talent Food Project. Free and open to the public.

Thursday, January 19th, 7:00 pm

Program: Cannabis Cultivation and the Environment: Lessons and Opportunities

Speaker: Dr. Phoebe Parker-Shames

Sponsors: Rogue Valley Audubon Society and Siskiyou Chapter Native Plant Society of Oregon

Location: Southern Oregon University, Science Building, Room 161

Join us for a research presentation and discussion about cannabis farming land use change in Southern Oregon and its ecological implications for wild flora and fauna. Dr. Parker-Shames will present some of her work studying outdoor private land cannabis farming in Josephine County during the early phase of recreational cannabis legalization. She will share some of the ecological lessons learned, ongoing research gaps, and opportunities to improve conservation outcomes in the cannabis industry.

Dr. Phoebe Parker-Shames (she/her) is an interdisciplinary researcher who grew up in Southern Oregon and studies the ecological outcomes of cannabis legalization. She is currently a postdoctoral scholar at University of California Berkeley working with Drs. Justin Brashares and Chris Schell. She is also part of the Cannabis Research Center at Berkeley. <https://www.drphoebe.org>. This program will also be provided via Zoom for people who cannot attend in person. To register for the Zoom: <https://bit.ly/nps2022-23talks>.

Umpqua Valley

Visit umpquavallevnativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online? - call Donna Rawson at 541-643-0364.

Willamette Valley

Thursday, November 17, 6:30 pm -7:30 pm

Virtual Program: One Seacoast Mile

Speaker: Bobbie Snead

Noted youth educator, naturalist, and author Bobbie Snead spent a year exploring one mile of the Oregon Coast - a short stretch of shore holding infinitely fascinating pocket beaches, rocky coves, a pair of wind-buffeted capes dotted with wildflowers, and a Sitka spruce forest. Join Bobbie as she shares photos and stories from her bushwhacking off-trail adventures along with hikes on established paths.

Bobbie is a life-long naturalist who has had professional stints as a park naturalist, wilderness leader, and environmental educator. She is currently part of an environmental education/field study team that teaches stream ecology, mountain snow studies, old growth forest science, and beach ecology to students in kindergarten to fifth grade. She has authored several books and wrote a nature column for Salem's *Statesman Journal* newspaper for three and a half years. She now focuses her writing effort in her [NWNatureBlog](#). She is on the trail at least fifty times a year. Her longest hike was a 400-mile solo trip on the Pacific Crest Trail.

For more information and to register for this Zoom presentation, email John Savage at wvnps20@gmail.com.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Our website is not currently functional.

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### Native Plant Interest Groups:

#### Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

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#### NPSO State Officers

- President: Dan Luoma, [president@npsoregon.org](mailto:president@npsoregon.org)
- Immediate Past President: Lisa Blackburn, [past\\_president@npsoregon.org](mailto:past_president@npsoregon.org)
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#### Committees & Chairs

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- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: Vacant
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Website



Facebook



# ***Native Plant Society of Oregon***

Dedicated to the enjoyment, conservation, and study of  
Oregon's native plants and habitats

## **Bulletin**

December/January 2022 Volume 55, No.10



Rose hips (*Rosa* sp.)

Ochoco Mountains, Oregon, October 22, 2022. Photo by Faye Streier.

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If you have any questions, please contact us at bulletin@npsoregon.org.

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To subscribe to the NPSO email discussion list, visit

<https://www.npsoregon.org/discussionlist.php>

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For membership inquiries, contact Margaret Conover, the Membership Chair, by [email](#), or send mail to P.O. Box 902, Eugene, OR 97440.

Remembering Rhoda M. Love (1932-2022)



Rhoda Love at the Love Family commemorative bench at the Mt. Pisgah Arboretum. The plaque on the bench reads: "Rhoda Love & Family, Trusting in Trees." September 9, 2017. Photo by Jennifer Love.

One doesn't have to look far to see the impact Dr. Rhoda Love had on individuals, the environment, science, and our society. Remembering her many contributions can help allay the great loss felt upon learning of her death on 14 October 2022 at the age of 90.

Rhoda was born (16 August 1932) and raised in Seattle, Washington. She enrolled in the University of Washington in 1950 with the intent to study English. However, a botany class taught by C. Leo Hitchcock, followed by a summer-long field course with Hitchcock and Arthur Kruckeberg exploring the western U.S., focused Rhoda's lifelong interest in the natural world into the start of her long and productive career.

The summer after her freshman year, Rhoda worked in housekeeping at Paradise Inn at Mt. Rainier National Park; there she met Glen Love, a fellow UW undergraduate majoring in English. Romance ensued, and the couple completed their studies in Seattle prior to marrying in 1956.

Rhoda earned a Bachelor of Science degree in 1955; she also took education classes and received a teaching certificate. Rhoda and Glen took turns supporting one another by teaching in public secondary schools while the other took graduate classes—she in botany and biology, and he in English. Rhoda received her master's degree in botany in 1959. She earned her Ph.D. in botany from the University of Oregon in 1980.

The couple moved to California in 1963 and worked for two years teaching classes at San Diego State College. When Glen accepted an assistant professorship in the English department of the University of Oregon in 1965, they happily returned to the Pacific Northwest they loved and were again near their San Juan Island (Washington) waterfront property.



Rhoda with her children Stanley Love and Jennifer Love at Cogswell-Foster Preserve. circa 1976. Photo likely by Glen Love.

Eugene was where the Love family put down roots: the children Stan and Jenny grew up there, and Glen was a distinguished scholar in the University of Oregon Department of English. Rhoda not only put down roots; she grew sturdy branches which flourished, bore fruit, and reseeded into our botanical community. Her many contributions include teaching botany at Lane Community College (LCC), helping establish Mount Pisgah Arboretum, serving in many leadership roles within the Arboretum and the Native Plant Society of Oregon, working on agency committees for habitat and plant conservation, coauthoring the pivotal anthology *Ecological Crisis: Readings for Survival* (1970), helping in the foundation and growth of the Oregon Flora Project (now OregonFlora), and authoring biographies of early Pacific Northwest botanists.

Rhoda's expertise, her commitment to environmental education, and her love of community made her deep involvement with the NPSO a natural fit. She joined NPSO in 1973, recognizing that the society's mission mirrored her own values. Author of many NPSO *Bulletin* and *Kalmiopsis* articles, tireless volunteer for Board service (including State President in 1982, State Conservation co-chair, and two decades of leadership), and a co-leader with Esther McEvoy and Julie Kierstead in securing passage of the Oregon Endangered Species Act, Rhoda provided NPSO members with an enthusiastic and inspiring role model. She knew that involvement in an organization open to all would be the best way to share awareness of and support for natural areas in a region dear to her heart. Current NPSO president Dan Luoma reflected on Rhoda's impact as he described what he calls "Rhoda's Grove," a rocky outcrop within old growth forest in the Umpqua National Forest that is home to a population of the rare plant *Kalmiopsis fragrans*. Rhoda led the effort to protect this treasure from clear cutting; the site is a favorite NPSO field trip destination. In 2001, NPSO awarded the society's highest honor—NPSO Fellow—to Rhoda and her close friends and field companions, Charlene Simpson and Veva Stansell.

Rhoda wove her deep commitment to NPSO and its mission into three endeavors that contribute to her legacy: her teaching career at LCC, her involvement with Mount Pisgah Arboretum, and her support of the Oregon Flora Project.



Left photo: Rhoda teaching LCC botany class at French Pete Creek. 1974.

Photo by Charles Munson (one of Rhoda's students at the time.)

Right photo: Rhoda encircled by her LCC Botany 203 students at Amazon Park, Eugene. 1995.

Photo by Gail Baker.

During her twenty years at LCC between 1966 and 1997, she instructed hundreds of students in the beauty and value of native plants and their habitats, introducing students to NPSO's community of "plant enthusiasts," and ushering a new generation into conservation and careers in botany. Rhoda's botanical forays across Oregon with her students resulted in collections for the LCC Herbarium (LCEU) and significant botanical observations. In 2004 Rhoda and her colleague Freeman Rowe were honored with the dedication of the newly remodeled LCC herbarium space as the Rowe-Love Herbarium. Equally important in the remodel was the creation of the R.M. Love Cold Room, vital to all plant science classes for long-term storage of fresh study specimens. The establishment of the Cold Room reduced instructors' need for continuous collecting, which Rhoda cheerfully referred to as her gathering of "woody and weedy" species.



Rhoda and Freeman Rowe celebrating the dedication of the LCC Herbarium. May 2004.

Photo by Gail Baker.

In 1977 Rhoda began her long association with the Mount Pisgah Arboretum (MPA), where, as an administrator and Board member, she integrated Arboretum events with NPSO and LCC activities and field trips. She wrote the first MPA Guidebook: *A Natural History of the Southern Willamette Valley*. Like all Rhoda's written endeavors, it was comprehensive, informative, well-illustrated, and delightful to read. She was a co-founder of the annual MPA fundraiser Wildflower Festival, using it as a teaching tool for LCC botany students and an outreach event for both the NPSO and the Oregon Flora Project. She was also the festival poster artist for seven years.



1984 Mt. Pisgah Arboretum Wildflower Show Poster. Designed and illustrated by Rhoda.

With the news in 1994 that that a new *Flora of Oregon* was being initiated, Rhoda jumped at the opportunity to become involved. She became a Checklist Project Leader, served as Editor of the *Oregon Flora Newsletter* for 18 years, authored the Checklist treatments of 24 genera including the pome-fruited Rose family members *Crataegus*, *Malus*, *Pyrus*, *Amelanchier*, *Sorbus*, and *Peraphyllum*, and assisted with the development of OregonFlora's three-volume reference *Flora of Oregon*. She was a strong advocate for the Project, helping create a lasting connection with NPSO that engaged volunteers and encouraged financial support for the mutual benefit of both organizations' missions.

No task was too small or too big for Rhoda, from monthly mailing parties for the NPSO *Bulletin* to crafting a state Endangered Species Act. Throughout her life, she dug deep and gifted us with a legacy of preserved habitats, strong foundations for conservation- and biodiversity-minded organizations, and extensive writings about the natural history of our region. Through her generous living, Rhoda has indeed given us, as her signature sign-off stated, "Flowers Forever."



Rhoda with NPSO Bulletin mailing party. December 2009. Photo by C.Gautier

Rhoda is survived by her son Stanley Love, daughter Jennifer Love, daughter-in-law Jancy McPhee, Jennifer's partner Bryan Haynes, and two grandchildren, Gavin Love and Alex Love. Rhoda's husband of 66 years, Glen Love, preceded her in death on May 8, 2022. There will be a celebration of Rhoda's life on Saturday, April 15, 2023, from 1 to 3 p.m. at the White Oak Pavilion at the Mt. Pisgah Arboretum.

To find out more about Rhoda

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<https://www.registerguard.com/obituaries/pore0348216>.

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<https://oregonflora.org/ofn/OFNv3n3.pdf>.

Simpson, C. 2002. Rhoda Love. *Kalmiopsis* 9:28. -Linda Hardison, Gail Baker, and Jennifer Love

Emerald Chapter to Host 2023 NPSO Annual Meeting - June 2-4



Northern mule's ears (*Wyethia amplexicaulis*) at Howard Buford Recreation Area in early June.
This recreation area is one of the 2023 Annual Meeting field trip sites. Photo by Gail Baker.

The Emerald Chapter of NPSO will host the 2023 Annual Meeting in Eugene, Oregon on June 2nd through 4th. The theme of the meeting will be “Botany in the Age of Community Science.” We plan to have multiple discussions about how NPSO members, as community scientists, can contribute to statewide botanical knowledge. Examples include collecting information on distribution and abundance, flowering time, and effort and responses of our forests to wildfire using new technology. We will introduce some of the newest technology and how it can be useful to scientists, conservation practitioners (land management agencies), and casual users.

The meeting will start on Friday June 2nd at Lane Community College with a selection of half-day afternoon field trips. That evening will feature a no-host mixer for folks who want to catch up with old friends and make some new ones. Saturday we will host our traditional all-day field trips and have a wonderful banquet at Venue 252. Our banquet

speakers will address how community science contributes to the understanding and conservation of our state's flora and the important role of NPSO members in this process. Sunday we will host more field trips and hold a State Board Meeting at Lane Community College.

Evening events will take place in downtown Eugene, so that may be the easiest part of town to stay in if you are from out of town. We will post some ideas for places to stay, fun restaurants, and activities on our Annual Meeting webpage, to be published by the end of January. So, save the date and stay tuned! -Emerald Chapter Board of Directors and Annual Meeting Committee

Oregon's Rare, Threatened, and Endangered Species Part 2: The Work of the Federal Agencies

The following article is second in a series by Dave Garcia, NPSO Legislative Chair.

Our 1973 Endangered Species Act (ESA) is administered by two federal agencies, the United States Fish and Wildlife Service (USFWS) and the National Oceanic and Atmospheric Administration (NOAA). Both agencies work with experts in the scientific community to identify species on the verge of extinction and to develop recovery plans for those species and their habitats so they can be removed from federal protection. NOAA Fisheries is responsible for threatened and endangered (T&E) marine and anadromous species. USFWS is responsible for all other T&E plant and animal species.

NOAA's Office of Protected Resources is responsible for the conservation, protection, and recovery of more than 150 T&E marine species under the ESA. That work includes:

- Listing species under the ESA
- Monitoring species status
- Designating Critical Habitat
- Recovery of endangered and threatened species
- Developing ESA policies, guidance, and regulations
- Working with partners to conserve and recover species

NOAA is also responsible for the conservation, management, and protection of whales, dolphins, porpoises, seals, and sea lions under the [Marine Mammal Protection Act](#).

A plant or animal species can receive protections provided by the ESA if it is on the federal lists of T&E wildlife and plants. The [List of Endangered and Threatened Wildlife](#) and the [List of Endangered and Threatened Plants](#) contain the names of 1,665 species that either USFWS or NOAA have been found to be in the greatest need of federal

protection.

When evaluating whether a species is endangered or threatened, the USFWS considers the following five factors:

1. damage to, or destruction of, a species' habitat;
2. overutilization of the species for commercial, recreational, scientific, or educational purposes;
3. disease or predation;
4. inadequacy of existing protection; and
5. other natural or manmade factors that affect the continued existence of the species.

When one or more of these factors imperils the survival of a species, the USFWS takes action to list the species as endangered or threatened to ensure the appropriate protective measures apply. Using these factors, the USFWS also assesses species already listed to determine whether they should be reclassified from threatened to endangered and whether threats have been reduced or eliminated to the point the species should be reclassified from endangered to threatened or removed from the list.



MacFarlane's four o'clock (*Mirabilis macfarlanei*). Listed as endangered under federal and Oregon ESAs. Wallowa County, Oregon. Photo by Gene Yates, Courtesy of Oregon Flora.

Critical Habitat

When a domestic species is proposed for listing as endangered or threatened, the USFWS identifies specific areas, known as critical habitat, within the United States that contain the physical or biological features essential to its conservation. The ESA requires the designation of critical habitat when it is both “prudent and determinable,” (terms that

are defined in the ESA).

Foreign Species

Like the domestic listing side of the program, foreign species classification involves determining the status of foreign species and whether they should be added to the federal list of T&E wildlife and plants to receive protections provided by the ESA.

By regulating the activities of American citizens and residents with regard to foreign listed species, the ESA helps to ensure that people under the jurisdiction of the United States do not contribute to the further decline of these species. Without permits consistent with the conservation goals of the ESA, activities such as the import or export of endangered or threatened species are unlawful.

Listing a Species

While the USFWS typically initiates listing proposals, any member of the public may start the listing process with a petition. Petitions are formal requests to list a species as endangered or threatened under the ESA. Any interested person may submit a written petition either electronically or by mail. The ESA requires that the USFWS make and publish specific findings on the petition.

The agency must make a finding within 90 days of receiving a petition (to the extent practicable) as to whether or not there is "substantial information" indicating that the petitioned listing may be warranted. If this preliminary finding is positive, a status review is conducted. Within one year of receipt of the petition, the USFWS must make a further finding that the listing either is or is not warranted. A positive one-year finding can be incorporated into a proposed listing rule, or if a prompt proposal is precluded by other listing activities, the proposal may be deferred. These "warranted but precluded" determinations require subsequent one-year determinations in each successive year until either a proposed listing rule is published or a "not warranted" finding is made.

As a government agency, USFWS has procedures to create rules and regulations. Every proposed rule goes through a process of drafting, comment, and review before it becomes final. The Federal Register is where a species is officially identified as threatened or endangered and thus must be protected as mandated by the ESA.

Federal agency [consultations](#) on activities that may affect T&E species or their habitats are required under Section 7 of the ESA. Interagency consultations are designed to assist federal agencies in fulfilling their duty to ensure that federal actions (e.g., projects or activities) do not jeopardize the continued existence of a species or adversely impact important habitat.

The ESA is very clear "that all Federal departments and agencies shall seek to conserve endangered species and threatened species and shall utilize their authorities in furtherance of the purposes of this Act." For example, our two largest public land

management agencies, the U.S. Forest Service and Bureau of Land Management, have developed a network of wildlife biologists and programs dedicated to the mission of preserving T&E species and their essential habitat. On the ground, that means that agency biologists and private contractors should be doing as much field work as possible to gather data on sensitive species, monitoring known populations, and assessing the health of critical habitat of T&E species.

The ESA is a powerful and effective tool for conserving species and their habitats. Less than 1 percent of the species listed under the ESA have gone extinct. Others have recovered to the point where they no longer need protections under the ESA. - *Dave Garcia, NPSO Legislative Chair*

Oregon Department of Agriculture Native Plant Conservation Program State List Review/Update

The following article was prepared by Jason Clinch, NPSO Rare & Endangered Committee Chair.

In conjunction with two recent articles from the November 2022 issue of the NPSO [*Bulletin*](#) (Volume 55, No.9) regarding Oregon's Rare, Threatened, and Endangered Species: "Oregon's Rare, Threatened, and Endangered Species Part 1: The Law" by Dave Garcia, NPSO Legislative Chair and "An Introduction and Update from the Oregon Department of Agriculture's (ODA) Native Plant Conservation Program" by Isaac Sandlin, ODA Native Plant Conservation Program Conservation Biologist, I am happy to give an update on the status of the State List Review by ODA.

As many of you may know, NPSO lobbying efforts in 2021 helped secure a substantial increase in state funding of the Native Plant Conservation Program so that it may fulfill its statutory obligations. More specifically, NPSO's push for this additional funding originated with requests to ODA to update the state's T&E plant species list.

After the passage of Oregon Senate Bill 533 (commonly referred to as the "Oregon Endangered Species Act") in 1987, the ODA Native Plant Conservation Program began work on reviewing species for listing as well as developing the Oregon Administrative Rules associated with the program. By 1989, the first nineteen plant species were listed as threatened or endangered under state law (including federally listed species). By 1995, the number of state-listed plant species was sixty-one. Since then, a few species have been federally delisted, some species were found to be secure, and some had taxonomic changes. However, ODA has not had the opportunity or funding to complete a full State List Review.

At this time, there are fifty-nine state-listed threatened or endangered plant species that are administratively protected in the State of Oregon which also includes fifteen federally listed plant species known to occur in Oregon. Oregon also has seventy-seven candidate species which are species that have potential of qualifying as threatened or endangered after additional study and evaluation. ODA's criteria for listing a species as endangered or threatened include:

- The name and description of the species have been validly published or accepted for publication.
- The species is native; and one of the following:
 - For listing as endangered, the species is in danger of extinction throughout all or any significant portion of its geographic range.
 - For listing as threatened, the species is likely to become an endangered species within the foreseeable future throughout all or any significant portion of its geographic range.

Specific considerations involving the geographic range that must be taken into account include:

- The total geographic area known to be inhabited by the species (including outside of Oregon), and the portion therein in which the species is in danger of becoming extinct within the foreseeable future; and
- The nature of the species' habitat, including any unique or distinctive characteristics that might promote, maintain, or reduce the probability of threats or endangerment.

Additionally, ODA must determine that the natural reproductive potential of the species is in danger of imminent or continual failure due to limited population numbers, disease, predation, or other natural or human-induced factors affecting its existence and that one or more of the following factors exists:

- That most populations of the species are undergoing imminent or active deterioration of geographic range or habitat;
- That over-utilization of the species or its habitat for commercial, recreational, scientific, educational, or other purposes is occurring or is likely to occur; or
- That existing state or federal programs or regulations are inadequate to protect the species or its habitat.

Any person (or entity) may petition to list, reclassify, or delist any Oregon native plant. ODA's [website](#) outlines the petitioning process in detail as does [ORS 564.100](#) and [OAR 603-073-0040](#). While the full background review/species profiling process will not be detailed here, a future article for the NPSO *Bulletin* may cover this process in more detail.

As of October 2022, Native Plant Conservation Program staff are in some stage of review for approximately ten species that are in consideration for being added to the state list.

These include [Lemmon's milkvetch \(*Astragalus lemmonii*\)](#), [Stansell's fleabane \(*Erigeron stanselliae*\)](#), [Ochoco lomatium \(*Lomatium ochocense*\)](#), [barren valley collomia \(*Collomia renacta*\)](#), [Hitchcock's blue-eyed grass \(*Sisyrinchium hitchcockii*\)](#), [narrow-leaved monardella \(*Monardella angustifolia*\)](#), [Willamette navarretia \(*Navarretia willamettensis*\)](#), [white meconella \(*Meconella oregana*\)](#), [seaside gilia \(*Gilia millefoliata*\)](#), and [thin-leaved peavine \(*Lathyrus holochlorus*\)](#). Photos and technical descriptions for these species can be found on the [Oregon Flora](#) website.



Narrow-leaved monardella (*Monardella angustifolia*). Malheur County, Oregon. June 4, 2016.

Photo by Gerald Carr, Courtesy of Oregon Flora.

Most of the species listed above are in or have completed some level of “partner review” at this time. That is the informal process of having other agencies, experts, and/or those very familiar with the species to review the species profiles and proposed listing status and identify any red flags, errors, and/or omissions and assure ODA’s data interpretation is accurate. The next step is for ODA to appoint a Technical Advisory Committee (TAC) to formally review each of the species in consideration. The TAC is comprised of at least one ODA botanist and four additional scientists. In addition to consultation with the TAC, ODA shall consult with affected federal, state, and local agencies; other interested agencies; the Natural Heritage Advisory Council to the State Land Board; representatives of other states having common interest in the species; affected federally-recognized Tribal representatives; and any other interested persons with expertise on species in consideration. The TAC and other entities consulted shall review the petition(s) for listing and determine whether said petition(s) present sufficient scientific evidence to justify proceeding with listing the species.

For those species that are deemed justified for listing as threatened or endangered, ODA will draft the proposed amended rule ([OAR 603-073-0070](#)) and begin proceeding through the rule making process. Briefly, the rule making process includes notifying the public, legislators, affected agencies, etc. of the proposed amended rule, opening and closing of the public comment period, consideration of public comments and revision of the amended rule as necessary, submission of the permanent rule to the Oregon State

Archives, and providing a rule report to the Oregon Legislature.

ODA anticipates completing partner review, TAC review, and drafting of the amended rule sometime this winter (2022/2023) with notification of the public to occur as early as January or February 2023. Given this timeline, the state list update could be completed by as early as Spring 2023.



Thin-leaved peavine (*Lathyrus holochlorus*). Lane County, Oregon. May 18, 2003. Photo by Bruce Newhouse, Courtesy of Oregon Flora.

Moving forward, ODA sees the state list review/update as a rolling process to be incorporated into the annual cycle of planning for and conducting field work. Species review will be ongoing rather than completed all at once, which is simply too large of a task given all of their other obligations and duties. An anticipated schedule would have initial species review, requests for data (from other entities, agencies, etc.), and planning for field work to occur in Winter/Spring. The bulk of field work would be conducted in Spring/Summer with report writing and finalization of species review to occur in Summer/Fall. The proposed rule amendment process would then occur in Fall/Winter.

I would like to thank the ODA Native Plant Program Conservation staff for their assistance in providing the information included in this article through several stakeholder meetings over the last year and through direct correspondence. I would like to also thank them for their peer review of this article. - *Jason Clinch, Rare and Endangered Committee Chair*

South Coast Chapter Reopens!

The South Coast Chapter, which includes Coos and Curry Counties, has been approved by the NPSO Board to reopen. The Chapter will hold their first official meeting in January 2023. A first birthday party (potluck) will follow the business part of the meeting! Chapter members are planning events and happy to be a part of NPSO. Please contact Charmane Mitchell at cmainie@gmail.com for more information.

Photo Gallery

Welcome to the *Bulletin* Photo Gallery! Share your photos of Oregon's native flora, field trips, restoration projects, work parties, and activities with other NPSO members. Send photos with the following information: species/event, photographer, names of any people shown in photo, date of photo, location, and any other information you would like to have included in the photo caption to bulletin@npsoregon.org. Please get consent from any people included in your photo prior to sending it.

Oregon Mystery Plant

Last month's mystery plant revealed:

Last month's mystery plant was *Hoita macrostachya*, commonly known as large leather root. While more common in California, in Oregon it has only been documented in Jackson County.



Photo by Frank Callahan

Do you have an Oregon Mystery Plant to share? Send it to the editor at bulletin@npsoregon.org

OregonFlora

The end of this year marks the twenty-eighth year of the OregonFlora program. Reflecting on the changes that have happened and the accomplishments we have made gives us reasons to celebrate. Begun in 1994 by the late Scott Sundberg as an initiative to

write a new flora for the state, the Oregon Flora Project (as we were then named) formed critical connections with the Oregon State University Herbarium—the specimen collection with tangible documentation of plant occurrences—and the NPSO—the statewide organization whose mission closely aligns with that of the Oregon Flora Project. And, you can say, the rest is history!



Developing a new, up-to-date flora meets many pressing needs: the knowledge gaps faced by our federal and state agencies, who are charged with land management; updated taxonomy and the expansion of the relevance of herbarium collections for the world's largest collection of Oregon specimens; and the collaborative involvement of citizen scientists to help contribute to an accessible and authoritative resource.

Creation of the Oregon Flora Project also opened opportunities for collaborations, leading to development of our resources in ways that Scott likely had not foreseen: general interest chapters in each volume of the *Flora*, native plant gardening support, sustainable agriculture research, and a leading-edge [website](#) providing accurate, beautiful information *at no cost* to the public.

OregonFlora has many things we want to accomplish in our twenty-ninth year, and we need your support to make them happen! Did you know that our program does not receive any regular operating budget from the Herbarium, the University, Extension, the State of Oregon, nor federal agencies? All of our operating expenses come from grants and donations.

Your generous support will help us provide valuable resources we want to share with you: the publication of the final volume of the *Flora of Oregon*, a new Rare Plant Guide for our website, and commercial availability of native garden plants, to name a few.

Please add your financial support to the state's **only** program that documents and shares comprehensive plant diversity data for Oregon. Contributions by check or [online](#) are welcomed. You can also show your support by [sponsoring](#) a floristic treatment, an illustration, or a front chapter in Volume 3 of the *Flora of Oregon*, and see your acknowledgment published in the book's introduction.

Thank you, NPSO members, chapters, and state organization, for your decades of partnership and support! Together we will bring information about Oregon's most precious and beautiful natural resource—its plant diversity—to all!

Please contribute through our [website](#) or by mailing a check (payable to Agricultural Research Foundation, with "OFP" on the memo line) to: OregonFlora, OSU Dept. Botany & Plant Pathology, 2701 SW Campus Way, Corvallis, OR 97331. End of year required distributions from retirement accounts can also be directed to OregonFlora and accrue tax benefits—see [here](#) for more information. -Linda Hardison

Don't Miss the December 31 Deadline to Submit Your Native Plant Photos!



Help us create a fabulous poster for Native Plant Appreciation Month 2023 by submitting two of your best Oregon native plant photos for the Native Plant Appreciation Month Poster Contest.

Entries must be mailed to photosnpaw@gmail.com. Each person may enter two photos of Oregon native plants (photographed in Oregon with photographer name, scientific name, common name, photo location, and photo date). All entries must be received by December 31, 2022. Photos will be rated and selected by the poster committee based on subject matter, composition, and technical excellence. The poster designer has sole discretion of not using an image should it not work into the overall layout or is deemed not to be of satisfactory quality. The selected photographer(s) must be able to provide a high-resolution and preferably unedited (at least 300 dpi) version of the image and must allow NPSO to reproduce the image free of charge for our poster, website, and related publicity material.

If you have any questions, please email them to photosnpaw@gmail.com. -Judi Sanders

NPSO Board Seeks Candidates

The NPSO Board strongly encourages new people to get involved with leadership positions. Please consider taking the opportunity to serve the NPSO by running for

election to one of the state-wide officer or at-large board of directors positions. Officer positions include President, Vice-President, Secretary, and Treasurer who serve one-year terms. Three Directors at-large are elected annually and serve two-year terms. If you, or someone you know, are interested, please send your questions or information about potential candidates to Dan Luoma by email at: daniel.luoma@oregonstate.edu for more information.

Grant Proposals Requested

The NPSO will continue to sponsor small field research grants. The objectives of the program are: 1) to stimulate basic field research into the biology and distribution of Oregon's native and naturalized flora and vegetation, particularly in the more remote areas of the state; and 2) to promote native plant conservation through better understanding of Oregon's flora and vegetation and the factors affecting their survival. Research proposals are due by March 1, 2023. The program policy and guidelines may be downloaded from <https://www.npsoregon.org/documents/grantguide.pdf>. Questions about the Guidelines may be directed to luomad@oregonstate.edu.

Chapter Notes

Cheahmill

For questions, or to be added to the Cheahmill Chapter's email list for reminders of upcoming programs and events, please contact the Cheahmill Chapter President at ch_president@NPSOregon.org.

Check out our Facebook page at <https://www.facebook.com/NPSO.Cheahmill/>.

Corvallis

For questions, information on upcoming events, or to be on the Corvallis Chapter email list, contact co_president@NPSOregon.org. Find us on Facebook at facebook.com/CorvallisNPSO.

Monday, January 9th, 7:30 pm - 8:30 pm

Program: Oregon Department of Agriculture's Native Plant Conservation Program: A New Year's round up of our upcoming field projects

Speaker: Isaac Sandlin, Oregon Department of Agriculture, Native Plant Conservation Program

Location: Room 2062, Cordley Hall, Oregon State University Campus

The new meeting room is near where we met previously. The new main entrance to Cordley Hall is now on the west side of the building via a new courtyard. There are also entrances on the northwest and southwest corners of the building. Some of the old

parking is gone, but there is parking across the street (Orchard Avenue) on the north side.

Saturday, February 11th, 9:00 am - 3:30 pm

Event: Information Table at "Insights Into Gardening"

Table Sponsors: NPSO Corvallis Chapter members

Location: LaSells Stewart Center on the Oregon State University campus across from Reser Stadium.

Table set up will take place on the morning of February 11th, before 9:00 am. Volunteers are needed to staff the table for our Chapter throughout the day. Contact Esther for more information at estherco@peak.org.

Emerald

Visit the Emerald Chapter website at <http://emerald.npsoregon.org> to learn more about the latest chapter events, plant lists, and botanical information about Lane County plants and the people who love them. Our Facebook page is <https://www.facebook.com/emerald.nps/>.

Monday, December 19th, 7:00 pm - 9:00 pm

Program: Holiday Social - Botanical Destinations and Stories

Location: Amazon Community Center

Attendees are invited to bring up to ten photos on a flash drive to show and recount their botanical adventures over the year. Bring a snack or beverage to share. Beverages are provided. We try to make this a no-waste event so please bring your own beverage cup, small plate, utensil, and napkin if possible.

To protect our members, we request that attendees follow health precautions including wearing face masks indoors and refraining from attendance if experiencing any symptoms.

The Amazon Community Center is located at: 2700 Hilyard Street, Eugene, OR 97405

Monday, January 16th, 7:00 pm - 9:00 pm

Program: Climate and plant-pollinator networks in the Cascade Range

Presenter: Melinda Vickers, Washington Department of Fish and Wildlife

Location: Online via Zoom

Meadows in the Oregon Cascades are vital and threatened ecosystems that support a tremendous amount of both plant and pollinator diversity. Melinda Vickers' research used long-term research from the H.J. Andrews Experimental Forest to get a better understanding of how these networks of plants and pollinators are impacted by climate variation and what that might mean for their future. Zoom link to be published on Emerald Chapter website and distributed to members via email.

High Desert

For information, visit the High Desert Chapter website: www.highdesertnpsoregon.org and Facebook page: [Native Plant Society of Oregon: High Desert Chapter](#), or email

highdesertnps@gmail.com. The new field trip coordinator is High Desert Chapter Vice President Jenifer Ferriel.

Klamath Basin

For information on the Klamath Basin Chapter, contact kb_president@npsoregon.org, visit our website: <http://klamathbasinnps.com>, or find us on Facebook: [\(13\) Klamath Basin Chapter - Native Plant Society of Oregon | Facebook](#).

Portland

Our members receive *The Calochortus*, our quarterly e-newsletter with field trips, programs, news, and events for the Portland area. If you are a Portland Chapter member and not receiving it, check your spam folder, or notify us at npsopdxchapter@gmail.com if your email address has changed. You'll also find our monthly programs and additional field trips posted on our Meetup page at <https://www.meetup.com/NPSO-Portland/>. Our Facebook page is regularly updated with current wildflower bloom status and photos at <https://www.facebook.com/npsopdxchapter/>. Visit our chapter website at <https://portlandnativeplants.org/> for archived newsletters, program recordings, and merchandise in our Shop.

Our monthly programs are now virtual. Members will find links to register for our second Thursday Zoom presentations in each issue of the **state Bulletin** and in *The Calochortus*.

The Portland Chapter does not host Zoom Programs in July and August.

Thursday, December 8th, 7:00 pm

On-line Program: Annual Members Photo Show

Calling Photographers from All NPSO Chapters! It's time to submit twelve to fifteen of your best shots of 2022. Longtime member Mike McKeag has generously volunteered to produce this special online event and asks you to have your photos to him by December 5th. Email him at mmckeag@gorge.net for simple instructions. Amateur and professional, people and plants, camera or phone shots, all are welcome. Show our newest members what NPSO has been up to this year!

Whether a contributor or just an observer, everyone must register to join the Zoom meeting! You'll receive an email with a link to join the session. Save it!

Register in advance:

<https://us06web.zoom.us/meeting/register/tZYkdu2hpbzgiGtHGBwynNw1DezadJVlpj3Hn>

Thursday January 12th, 7:00 pm

Zoom Program: Portland Botanical Gardens: Connecting to our Natural World

Presenters: Sean Hogan and Kate Bodin

Sean Hogan and Kate Bodin introduce the Portland Botanical Gardens, an ambitious, nonprofit, multi-conservatory and multi-garden campus to be constructed in the Portland

metropolitan area within the next five years. Portland Botanical Gardens will strive to serve as a resource in horticulture, climate research, and environmental justice. It will foster partnerships with international conservation organizations and local gardens to create a space where people connect, discover, and celebrate the beauty, strength, and resilience of plants.

To register:

<https://us06web.zoom.us/meeting/register/tZMlde2uqTsiEtE9xdJMc3DCxSljK3TQLY7K>.

Sunday, January 15th, 12:00 pm - 3:00 pm

Event: 2023 Field Trips Planning Meeting

Location: Home of Roger Brewer, Southwest Portland

Enjoy an annual chapter tradition that has survived pandemic times. This year it's a potluck lunch followed by brainstorming to find our favorite hikes and explorations to add to the 2023 calendar. You don't need to be a plant expert or have previous experience. We need you as an enthusiastic lover of native plants, a communicator, and an organizer. You can start as a co-leader mentored by other field trip leaders. If you don't know the plants, you'll get to know them soon enough. You'll have plenty of help from our knowledgeable and enthusiastic participants who are uncritical, happy to share, and happy to be out in nature with you. Enrich your life and others' lives. Keep a tradition alive. Step up to help your chapter. Contact us at npsopdxchapter@gmail.com to RSVP or for more information.

Siskiyou

To join the Siskiyou Chapter email list, send an email, from the address at which you want to receive announcements, to announce-join@siskiyou.npsoregon.org. No subject or message is required. You will get a confirmation email. If you would like to volunteer to lead a hike, make a suggestion, or provide feedback regarding the field trip program, please contact Katelyn Detweiler, detweiler.katelyn@gmail.com. Join us on Facebook at <https://www.facebook.com/SiskiyouChapterNativePlantSocietyOfOregon>.

The Siskiyou Chapter has a YouTube channel; check it out at <https://www.youtube.com/channel/UCXF12J9yp2AYmUzNz0jLLSw>.

Program/Meeting: Programs run from September through May.

Thursday, December 15th, 6:00 pm

Program: December Potluck & Program: Interactions Between Plants and Fungi—Good, Bad, and Indifferent

Speaker: Dr. Darlene Southworth

Location: Phoenix Grange located at 209 N. Main Street, Phoenix, Oregon

Holiday trees such as conifers and oaks appear to be independent individuals. Trees and fungi are completely different organisms in terms of reproductive and vegetative structure, yet they often live together symbiotically. We'll examine the consequences of their interactions. Is a tree really a single organism? Feasting begins at 6:00 pm, program around 7:00 pm. Please bring a potluck dish, table service (plate, silverware, glass, cup),

and a food donation for the Talent Food Project. Please park in public parking places along the street or at the Phoenix Plaza Civic Center (the new white building across the street from the Grange). Free and open to the public.

Darlene Southworth has B.S. and M.S degrees in botany from the University of Michigan and a Ph.D. in botany from University of California Berkeley. She taught in the Biology Department of Southern Oregon University beginning in 1979. At that time her research was on pollen structure, but in 1999, she retired from teaching, fell in with a bad crowd of mycologists, and went underground studying mycorrhizal fungi and truffles associated with oaks. She finally and fully retired in January 2022.

Thursday, January 19th, 7:00 pm - 8:30 pm

Program: Cannabis Cultivation and the Environment: Lessons and Opportunities

Speaker: Dr. Phoebe Parker-Shames

Sponsors: Rogue Valley Audubon Society and Siskiyou Chapter Native Plant Society of Oregon

Location: Southern Oregon University, Science Building, Room 161

Join us for a research presentation and discussion about cannabis farming land use change in Southern Oregon and its ecological implications for wild flora and fauna. Dr. Parker-Shames will present some of her work studying outdoor private land cannabis farming in Josephine County during the early phase of recreational cannabis legalization. She will share some of the ecological lessons learned, ongoing research gaps, and opportunities to improve conservation outcomes in the cannabis industry.

Dr. Phoebe Parker-Shames (she/her) is an interdisciplinary researcher who grew up in Southern Oregon and studies the ecological outcomes of cannabis legalization. She is currently a postdoctoral scholar at University of California Berkeley working with Drs. Justin Brashares and Chris Schell. She is also part of the Cannabis Research Center at Berkeley. <https://www.drphoebe.org>. This program will also be provided via Zoom for people who cannot attend in person. To register for the Zoom: <https://bit.ly/nps2022-23talks>.

South Coast

January 2023, Date and Time to be Announced to Members.

Meeting: Membership Meeting and First Potluck Birthday Party

Umpqua Valley

Visit umpquavallevnativeplants.com for more information on chapter activities or to be added to our email list. Check out our Facebook page, www.facebook.com/UmpquaValleyNPSO. Not online? - call Donna Rawson at 541-643-0364.

Willamette Valley

Saturday and Sunday, December 10th and 11th, 10:00 am - 4:00 pm

Field Trip: Silver Falls State Park Winter Festival

Leaders: Willamette Valley NPSO Chapter Members

Members of the Willamette Valley Chapter of the Native Plant Society of Oregon will lead walks to view the conifers and hardwoods of Silver Falls State Park at 1:00 pm on both days of the Silver Falls State Park Winter Festival. Other festival activities include guided bird walks and talks, building bird nest boxes, making wreaths, and decorating gingerbread cookies. Activities will take place in the South Falls Day-Use Area and Smith Creek Village. All activities are free, but a \$5 parking permit is required. For more information about the Winter Festival, visit the events calendar at stateparks.oregon.gov or call 503-874-0201. For more information about the tree walks, contact John Savage at wvnps@gmail.com.

Thursday, December 15th, 6:30 pm - 7:30 pm

Zoom Program: Pollination and Pollinators of Willamette Daisy and Western Oregon Prairies

Dr. Tom Kaye from the Institute for Applied Ecology will discuss recent discoveries about the pollination biology of Willamette daisy (*Erigeron decumbens*), an endangered plant endemic to western Oregon, and some of the surprising results from pollinator observations in local prairies from 2019-2022.

Tom Kaye is Executive Director and Senior Ecologist at the Institute for Applied Ecology, a nonprofit organization with a mission to conserve native habitats and species through research, restoration, and education, and courtesy Associate Professor in the Department of Botany and Plant Pathology at Oregon State University. Tom conducts research on rare species reintroductions, pollination biology, habitat restoration, plant invasions, and plant population responses to climate change, and engages prison inmates in conservation through the Sagebrush in Prisons Project. Sourcing native plants for restoration is a key area of interest, research, and publication for Dr. Kaye. For more information and to register for this Zoom presentation, email John Savage at wvnps@gmail.com.

Thursday, January 19th, 6:30 pm - 7:30 pm

Zoom Program: Greenbelt Land Trust: Prairie and oak conservation, restoration, and partnerships.

The Corvallis-based Greenbelt Land Trust is one of the premier land trusts in Oregon. Carolyn Menke, Stewardship Manager at the Greenbelt Land Trust, will discuss the land trust's history, properties, and current prairie and oak restoration projects.

Carolyn came to Oregon from northern California in 2000. She went to graduate school at Oregon State University - focusing on rare plants, fire ecology, and invasive species. Carolyn taught at Western Oregon University and worked at the Institute for Applied Ecology as an ecologist, conservation planner, and deputy director. Carolyn joined the Greenbelt Land Trust in 2021. Her work at Greenbelt has focused on native species and habitat conservation, particularly in prairie and oak habitats. Her projects have included rare plant-focused research, long-term monitoring for Fender's blue butterfly, and regional multi-species conservation and recovery planning in the Willamette Valley and Thurston County, Washington. For more information and to register for this Zoom presentation, email John Savage at wvnps@gmail.com.

William Cusick

Chapter notices and communications are done primarily through a Google group. For more information or to be added to the Google group, please contact Susan Geer at 541-963-0477 or susanmgeer@gmail.com. Our website is not currently functional.

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### Native Plant Interest Groups:

#### Filipendula

For more information, visit our Facebook page: [NPSO-Filipendula Chapter](#)

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#### NPSO State Officers

- President: Dan Luoma, [president@npsoregon.org](mailto:president@npsoregon.org)
- Immediate Past President: Lisa Blackburn, [past\\_president@npsoregon.org](mailto:past_president@npsoregon.org)
- Vice President: Gail Baker, [vice-president@npsoregon.org](mailto:vice-president@npsoregon.org)
- Secretary: Steven Yeager, [secretary@npsoregon.org](mailto:secretary@npsoregon.org)
- Treasurer: Michael Hartman, [treasurer@npsoregon.org](mailto:treasurer@npsoregon.org)
- Directors: Dave Garcia, Linda Hardison, Bruce Waugh, Karl Anderson, Lisa Blackburn, and Margaret Conover

#### Committees & Chairs

- Budgets and Grants: [Dan Luoma](#)
- Conservation: [Dawn Anzinger](#)
- Friends Of The Oregon Flora Project: [Linda Hardison](#)
- Legislative: [Dave Garcia](#)
- Membership: [Margaret Conover](#)
- NPSO Fellows: Vacant
- Rare & Endangered Plants: [Jason Clinch](#)
- Bulletin Editor: [Faye Streier](#), Proofreaders: Kaitlin Andersen, Ken Berg, Camille Stewart
- Webmaster: [Sunia Yang](#)
- More information about our NPSO Fellows [here](#).

Chapter Presidents and contact information [can be found here](#).



Website



Facebook